

## **Historic, archived document**

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# TOP NOTCH SEEDS

## 1935 Catalog



**Mars-Rose Cotton**

See page 7.

**Top Notch Kansas Alfalfa**

See page 8.

**Jarvis Golden Prolific Corn**

See page 4.



# RUSSELL-HECKLE SEED CO.

MEMPHIS, TENN.



*Crotalaria Spectabilis.*

R.-H. Co.'s

## CROTALARIA SPECTABILIS

This wonderful legume is truly a marvel—40,000 pounds of green material per acre is not uncommon, builds soils, gives organic matter. Can be sown broadcast or in drills.

Crotalaria, turned under, adds as much nitrogen to the soil as 800 to 1000 pounds Nitrate of Soda. Everywhere we have sold it farmers are delighted with results, and are sowing more acreage.

See page 15 for more information on Crotalaria.

R.-H. Co.'s

## KOREAN LESPEDeza

A splendid variety of Lespedeza for all purposes. It is early, grows rapidly, furnishes quicker pasturage than any other variety. A decided improvement over Common Lespedeza, as it grows larger and is the quickest to make hay.

See page 9 for further description of Korean Lespedeza.



*Korean Lespedeza.*



R.-H. Co.'s

## SAGRAIN

[Strain 303-33]

Produces 4 to 6 tons of cured hay, or if left to mature, gives 50 to 75 bushels of grain to the acre, about double the corn yield. Has heads similar to Kaffir Corn. Sagrain is an easy crop to grow. Will stand most any kind of weather. Further description as to planting given on page 14.



ORDER FOR  
*Seeds, Plants, Etc.*  
To

# Russell-Heckle Seed Co.

SALES OFFICE AND STORE: 26 SO. FRONT ST.  
WHOLESALE WAREHOUSE AT LINDEN STATION

# Memphis, Tenn.

Date \_\_\_\_\_ Forward by Mail  
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Freight

Name \_\_\_\_\_

Post Office

County	State
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R. F. D. Box

Express or Freight Office

RUSSELL-HECKLE SEED CO.,  
Gentlemen:

Please send me promptly at prices and terms mentioned in your catalog the list of goods mentioned below, for which enclosed find

Send your remittance either by U. S. Money Order, Express Money Order, Stamps (5 and 10e denominations preferred) or you can send currency by registered mail.

WE PAY POSTAGE on all seeds quoted by the packet, ounce, quarter pound, and pound, also on pints and quarts of Peas, Beans and Sweet Corn, and on plants and bulbs except where noted otherwise, and upon all goods quoted in our catalog where it says: Parcel Post Paid. We **do not** pay postage on any seeds quoted on the Green Ink Price List.

[illegible]

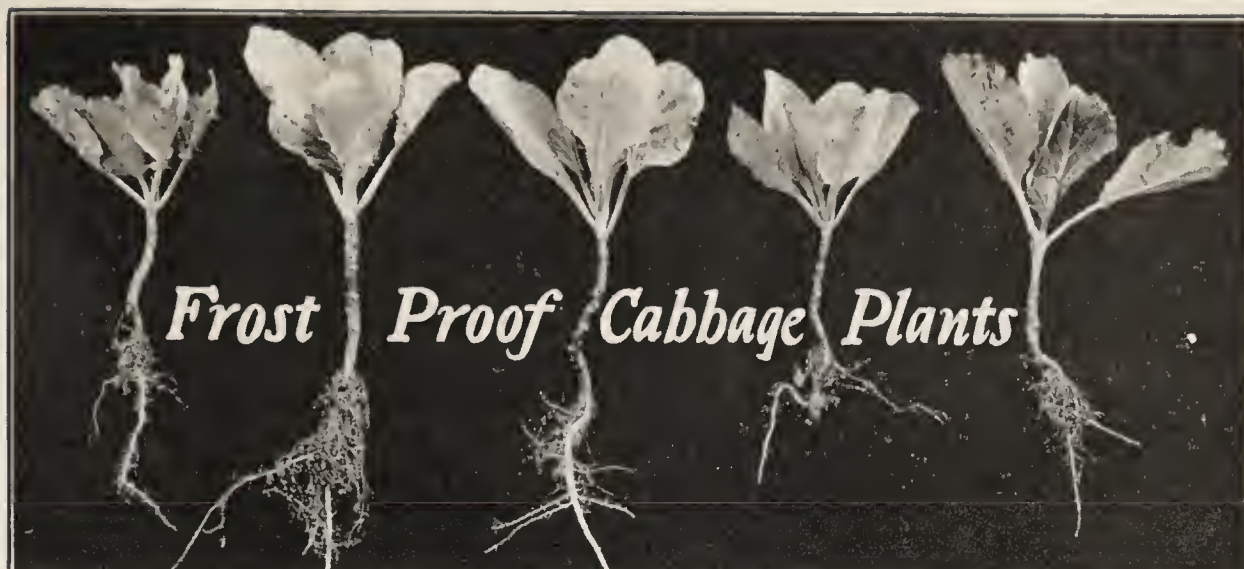
FREE—1935 Almanac Calendar with order when requested.  
MAKE SURE YOU HAVE YOUR NAME AND ADDRESS ON THIS ORDER

**Free Flower Seed** With any cash order at catalog prices for Garden and Flower Seeds, excepting on any collections to the value of \$1.00 or more, we will send you **FREE** five 5-cent packets of Flower Seed. Make your selection, or we will do it for you.

With any cash order at catalog prices for Garden and Flower Seeds, excepting on any collections to the value of \$1.00 or more, we will send you FREE five 5-cent packets of n, or we will do it for you.

TOTAL

Be sure your order is complete before you mail it. Order Garden Seeds enough to plant in succession and make your garden produce continuously throughout the season. Include flower seeds and bulbs for the enjoyment of your family.



## R.-H. Co.'s Frost-Proof Cabbage Plants

These plants are grown in the open field during the fall and winter months, which causes them to make a slow, tough, hardy growth—so hardy that the outer leaves turn to a reddish brown. They can be shipped to distant points without danger of spoiling, and should be planted in the open ground from four to five weeks earlier than frame plants.

Orders filled from January 15th to April 1st. We do not advise planting later than this time.

Orders for plants will be shipped in about four or five days after they are received, if weather conditions permit. If plants do not arrive as soon as you expect them you may know that conditions beyond our control are causing the delay.

No plants shipped C. O. D. We will mail these plants at the postpaid prices named below to any address in the United States, except the far West or far North, or will ship by express collect either from Memphis or from growing stations. All plants must be paid for in advance. Please do not ask us to break this very necessary rule.

No order filled for less than 100 of a variety.

**VARIETIES AND PRICES.** Jersey Wakefield, Charleston Large Wakefield, Copenhagen Market, Golden Acre, and Early Flat Dutch. **Prices:** parcel post paid, 100, 35c; 500, \$1.25; 1,000, \$2.00. Not prepaid 500, \$1.00; 1,000, \$1.50. Prices f. o. b. growing station, 1,000, \$1.25; 5,000, \$5.00.



Bermuda Onion Plants.

## R.-H. CO.'S BERMUDA ONION PLANTS

Plant in rows about 15 inches apart and 3 to 4 inches in the rows. Set them out in February, March or April.

### Yellow or Straw Colored Bermuda Onion Plants

Postpaid, 100, 15c; 200, 30c; 500, 60c; 1,000, \$1.00. Not prepaid, 100, 10c; 200, 20c; 500, 45c; 1,000, 75c.

### Crystal White Wax Bermuda Onion Plants

Postpaid, 100, 15c; 200, 30c; 500, 60c; 1,000, \$1.00. Not prepaid, 100, 10c; 200, 20c; 500, 45c; 1,000, 75c.

### Tomato Plants

**STANDARD VARIETIES, HOTBED OR SEEDLING STOCK.** Postpaid, 25, 25c; 50, 40c; 100, 60c; 500, \$2.00. Not prepaid, 25, 15c; 50, 30c; 100, 50c; 500, \$1.75; 1,000, \$3.00.

**STANDARD VARIETIES — TRANSPLANTED, HOTBED GROWN.** Postpaid, doz., 30c; 25, 50c; 50, 75c; 100, \$1.20; 200, \$2.00. Not prepaid, doz., 25c; 25, 40c; 50, 60c; 100, \$1.00; 200, \$1.50.

## SPECIAL TOMATO PLANTS

(STRONG HOTBED STOCK READY APRIL 10.)

BRIMMER

WINDSOR

MASTER MARGLOBE

OHEART

SUPER PERRY COUNTY

Postpaid, doz., 45c; 25, 70c; 50, \$1.15; 100, \$1.70. Not prepaid, doz., 35c; 25, 60c; 50, \$1.00; 100, \$1.50.

## R.-H. Co.'s Garden Plants

### Beet Plants

Postpaid, 100, 50c; 200, 85c; 500, \$1.75; 1,000, \$2.85. Not prepaid, 100, 35c; 200, 65c; 500, \$1.50; 1,000, \$2.50.

### Cauliflower Plants

Postpaid, doz., 20c; 50, 70c; 100, \$1.25. Not prepaid, doz., 15c; 50, 50c; 100, \$1.00.

### Celery Plants

Postpaid, 25, 25c; 50, 40c; 100, 65c. Not prepaid, 25, 15c; 50, 30c; 100, 50c.

### Eggplants

Postpaid, doz., 30c; 25, 50c; 50, 75c; 100, \$1.20. Not prepaid, doz., 25c; 25, 40c; 50, 60c; 100, \$1.00.

### Lettuce Plants

Postpaid, 50, 30c; 100, 45c; 200, 75c; 500, \$1.50. Not prepaid, 50, 20c; 100, 35c; 200, 60c; 500, \$1.25.

### Pepper Plants

Postpaid, doz., 30c; 25, 50c; 50, 75c; 100, \$1.20. Not prepaid, doz., 25c; 25, 40c; 50, 60c; 100, \$1.00.

### Certified Sweet Potato Plants

NANCY HALL and PORTO RICO. Not prepaid. 500, \$1.50; 1,000, \$2.50.



Tomato Plant.

PLANT A GARDEN THIS SEASON, VEGETABLES ARE HEALTHY.



# OUR 1935 ANNUAL CATALOG

In serving the Farmers, Gardeners and General Public, we have always kept before us the importance of high quality. Our stocks are raised for us by the most dependable growers in the climate where they succeed best. Careful germination tests are made on all seeds before they are accepted, and during the summer months the checking of growing crops for purity and trueness is given our close attention. Sow Russell-Heckle's Top Notch Seeds to avoid failure.

## PRICES

The prices we quote on vegetables and flower seeds will hold good as long as stocks last. The prices on all farm seeds, grain, etc., are those ruling January 2nd, 1935, and are subject to market changes. As far as possible we will fill all orders for such seeds in full, but if market values will not permit this we will send all that money remitted will pay for.

## NON-WARRANTY

Russell-Heckle Seed Company gives no warranty, express or implied, as to description, quality, productiveness of any seeds, plants, bulbs or nursery stock they send out, and they will not be in any way responsible for the crop.

## IN EXPLANATION

Most of the failures with seeds, plants, bulbs, etc., are due to unfavorable weather or soil conditions, too deep or shallow planting, etc., all causes beyond our control; therefore it is impossible for us to guarantee success.

But you can take our seed home, examine them, test them, call in your County Agent, and if our seeds are not as represented, return them at once, and we will cheerfully refund your money.

## RUSSEL-HECKLE SEED CO.

Sales Department, 26 South Front St.  
Wholesale Warehouse, Linden Station  
Memphis, Tenn.

January 2nd, 1935

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# Ready Reference Table

## Field Seeds -- When to Plant -- How Much to Plant

One acre of land contains approximately 210 x 210 feet or 43500 square feet

VARIETY	When to Plant	Quantity for an Acre	Distance Between Rows	Distance Apart in the Row	Depth to Plant	Pounds to the Bushel
ALFALFA	Mar., Apr.—Sept., Oct.	25 to 30 lbs.	Broadcast	Broadcast	$\frac{3}{4}$ to 1 in.	60 lbs.
ARTICHOKES, JERUSALEM	Mar., April, May	3 to 4 bus.	$3\frac{1}{2}$ to 4 ft.	15 to 18 ins.	4 ins.	50 lbs.
BARLEY	Sept., Oct.	$1\frac{1}{2}$ bu.	Broadcast	Broadcast	2 in.	48 lbs.
BEEF, MANGEL STOCK	March, April, May	6 to 8 lbs.	18 to 24 ins.	8 ins.	1 in.	30 lbs.
BROOM CORN	April, May, June	6 to 8 lbs.	$3\frac{1}{2}$ ft.	8 to 10 ins.	1 in.	46 lbs.
BUCKWHEAT	May, June, July	1 bu.	Broadcast	Broadcast	1 in.	50 lbs.
BEANS, NAVY FIELD	May, June, July	1 to $1\frac{1}{2}$ pks.	4 ft.	6 to 8 ins.	1 in.	60 lbs.
BLACK MEDIC	Feb., Mar., April	18 to 20 lbs.	Broadcast	Broadcast	$\frac{1}{2}$ in.	60 lbs.
CHUFAS	April to June	1 pk.	3 ft.	15 to 18 ins.	2 ins.	44 lbs.
CLOVER, ALSIKE	Mar. to May—Sept.	6 to 8 lbs.	Broadcast	Broadcast	$\frac{3}{4}$ to 1 in.	60 lbs.
CLOVER, BURR	Aug., Sept., Oct.	30 to 40 lbs.	Broadcast	Broadcast	$\frac{1}{2}$ in.	12 lbs.
CLOVER, CRIMSON	Aug., Sept., Oct.	15 to 18 lbs.	Broadcast	Broadcast	$\frac{1}{2}$ in.	60 lbs.
CLOVER, HOP	Feb., Mar., Apr.—Sept.	10 to 12 lbs.	Broadcast	Broadcast	$\frac{1}{4}$ in.	60 lbs.
CLOVER, SWEET MELILOTUS	Mar., Apr.—Sept., Oct.	15 to 25 lbs.	Broadcast	Broadcast	$\frac{1}{4}$ in.	60 lbs.
CLOVER, MAMMOTH SAPLING	Mar., Apr.—Sept., Oct.	8 to 10 lbs.	Broadcast	Broadcast	$\frac{1}{2}$ in.	60 lbs.
CLOVER, RED	Mar., Apr.—Sept., Oct.	8 to 10 lbs.	Broadcast	Broadcast	$\frac{1}{2}$ in.	60 lbs.
CLOVER, WHITE DUTCH	Feb., Mar.—Sept., Oct.	4 to 6 lbs.	Broadcast	Broadcast	$\frac{1}{4}$ in.	60 lbs.
COW PEAS, IN DRILLS	Apr., May, June, July	$\frac{1}{2}$ to 1 bu.	18 to 24 ins.	2 to 3 ins.	2 ins.	60 lbs.
COW PEAS, BROADCAST	Apr., May, June, July	$1\frac{1}{2}$ to 2 bus.	Broadcast	Broadcast	2 ins.	60 lbs.
CANADA FIELD PEAS	Jan., Feb., March	$1\frac{1}{2}$ to 2 bus.	Broadcast	Broadcast	2 ins.	60 lbs.
CORN, FIELD	April to August	4 to 6 qts.	$3\frac{1}{2}$ to 4 ft.	18 to 24 ins.	2 ins.	56 lbs.
CROTALARIA	April, May, June	12 to 15 lbs.	Broadcast	Broadcast	$\frac{1}{2}$ to $\frac{3}{4}$ in.	40 lbs.
CROTALARIA, DRILLS	April, May, June	5 to 6 lbs.	2 ft.	10 to 12 ins.	$\frac{1}{2}$ to $\frac{3}{4}$ in.	40 lbs.
COTTON SEED	April, May, June	1 bu.	$3\frac{1}{2}$ to 4 ft.	12 to 15 ins.	$\frac{3}{4}$ to 1 in.	32 lbs.
EGYPTIAN WHEAT, SHALLU	May, June, July	10 to 12 lbs.	$3\frac{1}{2}$ ft.	12 to 15 ins.	$1\frac{1}{2}$ to 2 ins.	50 lbs.
FETERITA	May, June, July	6 to 8 lbs.	$3\frac{1}{2}$ to 4 ft.	4 to 5 ins.	$1\frac{1}{2}$ to 2 ins.	50 lbs.
KAFFIR CORN	May, June, July	6 to 8 lbs.	$3\frac{1}{2}$ to 4 ft.	4 to 6 ins.	$1\frac{1}{2}$ to 2 ins.	50 lbs.
HEGARI	April, May, June	8 to 10 lbs.	$3\frac{1}{2}$ to 4 ft.	4 to 6 ins.	1 to $1\frac{1}{2}$ ins.	50 lbs.
GRASS, BERMUDA	April to June—Sept.	10 to 12 lbs.	Broadcast	Broadcast	$\frac{1}{4}$ in.	40 lbs.
GRASS, BLUE	Feb. to Apr.—Sept., Oct.	60 to 75 lbs.	Broadcast	Broadcast	$\frac{1}{2}$ in.	14 lbs.
GRASS, CARPET	March, April—Sept.	20 to 30 lbs.	Broadcast	Broadcast	$\frac{1}{2}$ in.	10 lbs.
GRASS, DALLAS	March, April, May	8 to 10 lbs.	Broadcast	Broadcast	$\frac{1}{2}$ in.	10 lbs.
GRASS, LAWN	Feb., Mar.—Sept., Oct.	60 to 75 lbs.	Broadcast	Broadcast	$\frac{1}{2}$ in.	14 lbs.
GRASS, ORCHARD	Feb. to Apr.—Sept., Oct.	20 to 24 lbs.	Broadcast	Broadcast	$\frac{1}{2}$ in.	14 lbs.
GRASS, RED TOP, HERDS	Feb. to Apr.—Sept., Oct.	8 to 10 lbs.	Broadcast	Broadcast	$\frac{1}{2}$ in.	14 lbs.
GRASS, PASTURE	Feb. to Apr.—Sept., Oct.	30 lbs.	Broadcast	Broadcast	$\frac{1}{2}$ in.	14 lbs.
GRASS, WINTER RYE	Sept., Oct., Nov.	100-150 lbs.	Broadcast	Broadcast	$\frac{1}{2}$ in.	24 lbs.
GROHOMA	April, May, June	4 to 5 lbs.	$3\frac{1}{2}$ to 4 ft.	8 to 10 ins.	1 to $1\frac{1}{2}$ ins.	50 lbs.
LESPEDEZA, JAPAN CLOVER	Feb, Mar, April	1 bu.	Broadcast	Broadcast	$\frac{1}{4}$ in.	25 lbs.
LESPEDEZA SERICEA	March, April, May	20 to 30 lbs.	Broadcast	Broadcast	$\frac{1}{4}$ in.	40 lbs.
LESPEDEZA SERICEA, DRILL	March, April, May	3 to 4 lbs.	3 ft.	6 to 8 ins.	$\frac{1}{4}$ in.	40 lbs.
MILLET, HUNGARIAN	April to August	1 to $1\frac{1}{4}$ bus.	Broadcast	Broadcast	$\frac{1}{2}$ in.	48 lbs.
MILLET, TENN. GERMAN	April to August	1 to $1\frac{1}{2}$ bus.	Broadcast	Broadcast	$\frac{1}{2}$ in.	50 lbs.
MILLET, PEARL	May, June, July	8 to 10 lbs.	3 to $3\frac{1}{2}$ ft.	4 to 6 ins.	$\frac{1}{2}$ in.	48 lbs.
MILLET, JAPANESE	May, June, July	20 to 25 lbs.	Broadcast	Broadcast	$\frac{1}{2}$ in.	50 lbs.
MILO MAIZE	May, June, July	6 to 8 lbs.	3 to $3\frac{1}{2}$ ft.	4 to 5 ins.	1 in.	50 lbs.
MUNG BEANS	May, June, July	8 to 10 lbs.	3 to $3\frac{1}{2}$ ft.	2 to 4 ins.	1 in.	60 lbs.
OATS	Feb., Mar.—Sept., Oct.	2 to $2\frac{1}{2}$ bus.	Broadcast	Broadcast	1 to 2 ins.	32 lbs.
PEANUTS	May, June	35 to 40 lbs.	3 to $3\frac{1}{2}$ ft.	10 to 12 ins.	2 ins.	22 lbs.
PEAS, STOCK	May, June, July	$1\frac{1}{2}$ to 2 bus.	Broadcast	Broadcast	2 ins.	60 lbs.
PEAS, AUSTRIAN WINTER	Aug., Sept., Oct.	30 to 35 lbs.	Broadcast	Broadcast	2 ins.	60 lbs.
POTATOES, IRISH	Feb., Mar., Apr.—July, Aug.	10 to 12 bus.	3 to $3\frac{1}{2}$ ft.	15 to 18 ins.	4 ins.	60 lbs.
RAPE, ESSEX	Feb., Mar., Apr.—Aug. to Oct.	6 to 10 lbs.	2 to 3 ft.	4 to 6 ins.	$\frac{1}{2}$ in.	50 lbs.
RYE, COMMON	Sept., Oct., Nov.	1 to $1\frac{1}{4}$ bus.	Broadcast	Broadcast	2 ins.	56 lbs.
RYE, ABRUZZI	Sept., Oct., Nov.	$\frac{3}{4}$ to 1 bu.	Broadcast	Broadcast	2 ins.	56 lbs.
SAGRAIN	Apr., May, June, July	8 to 10 lbs.	3 to $3\frac{1}{2}$ ft.	4 to 5 ins.	1 in.	50 lbs.
SORGHUM, DRILL	Apr., May, June, July	8 to 10 lbs.	$3\frac{1}{2}$ to 4 ft.	4 to 5 ins.	1 in.	50 lbs.
SORGHUM, FOR HAY	Apr., May, June, July	50 to 75 lbs.	Broadcast	Broadcast	1 in.	50 lbs.
SOY BEANS, SMALL SEED	Apr., May, June, July	1 bu.	Broadcast	Broadcast	1 to 2 ins.	60 lbs.
SOY BEANS, DRILL, Small Seed	Apr., May, June, July	1 pk.	3 to $3\frac{1}{2}$ ft.	4 to 5 ins.	1 to 2 ins.	60 lbs.
SOY BEANS, LARGE SEED	Apr., May, June, July	$1\frac{1}{2}$ bus.	Broadcast	Broadcast	$1\frac{1}{2}$ to 3 ins.	60 lbs.
SOY BEANS, DRILL, Large Seed	Apr., May, June, July	$\frac{1}{2}$ bu.	$3\frac{1}{2}$ to 5 ft.	4 to 6 ins.	$1\frac{1}{2}$ to 3 ins.	60 lbs.
SUDAN GRASS	Apr., May to Aug.	25 to 30 lbs.	Broadcast	Broadcast	1 in.	40 lbs.
SUNFLOWER	May, June	6 to 8 lbs.	$3\frac{1}{2}$ to 4 ft.	15 to 18 ins.	1 in.	25 lbs.
TIMOTHY	March, April—Sept., Oct.	15 lbs.	Broadcast	Broadcast	$\frac{1}{4}$ to $\frac{1}{2}$ in.	45 lbs.
TEOSINTE	May, June	3 to 4 lbs.	3 to 4 ft.	4 to 6 ins.	1 in.	50 lbs.
THOUSAND-HEADED KALE	Mar. to May—Aug., Sept.	4 to 5 lbs.	Broadcast	Broadcast	$\frac{1}{2}$ in.	50 lbs.
VETCH, WINTER VARIETY	Aug. to Nov.	20 to 25 lbs.	Broadcast	Broadcast	2 ins.	60 lbs.
VELVET BEANS	May, June	$\frac{1}{4}$ to $\frac{1}{2}$ bu.	4 to 5 ft.	2 to $2\frac{1}{2}$ ft.	3 to 4 ins.	60 lbs.
WHEAT	Sept., Oct., Nov.	5 pks.	Broadcast	Broadcast	2 ins.	60 lbs.

# Russell-Heckle's Top Notch Corns

are selected by experienced people with the utmost care from high-yielding fields, are nubbed, tipped, graded and cleaned. Our sole purpose in spending so much time and labor on the selection of these seeds is to make them a superior seed stock. If you are seeking the best in seeds, order our Top Notch grade—you will be rewarded when you gather your crop.

## WHITE VARIETIES

### R.-H. Co.'s Top Notch Mosby's Prolific

One of the most prolific corns in existence; the stalks are tall, bearing 2 to 5 fine ears. The grains are long, set close to a small white cob, very uniform in shape, well filled. Another important feature of this fine corn is its abundant foliage, which renders it superior to most sorts for ensilage purposes. This is a southern corn, and is recommended for general crop. It is pearly-white, small cob, deep full grain, neither too hard nor too soft. Matures in 110 to 120 days. Postpaid, 1 gallon, 65c. Not prepaid, 1 gallon, 45c.

Quantity Prices on Green Ink List.

### R.-H. Co.'s Top Notch Hastings' Prolific

It will make two ears to the stalk on average land, and if planted 24 to 30 inches apart in the row on good strong land, four to six ears to the stalk can be had. The ears are well filled at both ends; the cobs small; the shuck is heavy and covers the ear tightly, protecting it from birds and insects. Matures in 120 to 130 days. Postpaid, 1 gallon, 65c. Not prepaid, 1 gallon 45c. Quantity Prices on Green Ink List.

### R.-H. Co.'s Top Notch Hickory King

The grain is so wide and deep and the cob so small that often a single grain will cover the end of a broken cob. It has been called the Poor Man's Corn because it can be depended upon to produce a crop on poor, thin land. On good land it bears two ears to the stalk. Postpaid, 1 gallon, 70c. Not prepaid, 1 gallon, 50c. Quantity Prices on Green Ink List.

### R.-H. Co.'s Top Notch Mexican June Corn

Our native grown selected strain. This dependable variety, largely planted late in the spring throughout the entire Cotton Belt, originally came from Mexico. It is largely used for planting after oats and wheat and can be planted as late as August 15th with good results. The stalks are usually short, although early plantings make stalks 12 to 15 feet high, leaves 4 to 6 feet long. The roots run deep and spread, so that it is a splendid drought resister. Ears 8 to 9 inches long, grains short to medium, cobs medium in size, and while usually white, occasionally you'll find a red cob and some blue grains. This apparent mixture of color is peculiar to many varieties of Mexican Corn. Postpaid, 1 gallon, 70c. Not prepaid, 1 gallon, 50c.

Quantity Prices on Green Ink List.

### Standard White Varieties of Top Notch Grade Seed Corn

	Gallon Postpaid	Gallon Not Postpaid
NORTH CAROLINA PROLIFIC .....	\$0.65	\$0.45
SILVER MINE .....	.60	.40
EARLY WHITE 90 DAY .....	.60	.40
ST. CHARLES WHITE RED COB ....	.60	.40
TAIT'S EARLY WHITE DENT .....	.70	.50

Quantity prices given on our Green Ink List.

### R.-H. Co.'s Top Notch Jellicose

The new variety developed at West Tennessee Experiment Station, which has made such a splendid record for yield and general excellence. All white grain, white cob, as many two ears to stalk as Paymaster and fills out to end of ear; about 110 days maturity and very heavy yield. Postpaid, gallon, 80c. Not prepaid, gallon, 60c.

Quantity prices on Green Ink List.

### R.-H. Co.'s Top Notch Paymaster

We indorse this corn as one of the most satisfactory and heavy yielding corns for the southern farm. Its origin is southern, its reputation is southern and its nature southern. And it produces two ears to the stalk. Matures in about 110 days. The cob is small, has well-filled butts and tips. The grain is deep, white, the cob is bright red, the type is standard and popular. Postpaid, 1 gallon, 65c. Not prepaid, 1 gallon, 45c.

Quantity Prices on Green Ink List.

### R.-H. Co.'s Top Notch Tennessee White Red Cob

An extra large field corn; grains long, white, broad and evenly lined on large red cob. The ears of this sort will run from 9 to 12 inches long and have from 18 to 20 rows. The stalks grow from 8 to 12 feet high, are broad, strong and short-jointed, it makes one of our best ensilage corns. Matures in 120 days. Postpaid, 1 gallon, 65c. Not prepaid, 1 gallon, 45c.

Quantity Prices on Green Ink List.

### R.-H. Co.'s Top Notch Jarvis Golden Prolific

This is one of the finest corns for this section on our list. A natural drought resisting variety, one of the few varieties of Yellow Corn that produces more than one ear. It is just hard enough to withstand any kind of weather in the fall. Crops have been left in the field until early spring and then came out good, sound corn.

A native southern Yellow Corn, carefully bred, and one that bears two good ears to the stalk. The stalk is rather dwarf, 6 to 8 feet high, and does not fall down in stormy weather. Grains are bright golden-yellow; ears are firm and solid, about 7 to 10 inches long. The grain is medium in size. This is a very productive and desirable variety, and is drought resistant.

Our seed is all carefully selected. It will please you.

Postpaid, 1 gallon, 65c. Not prepaid, 1 gallon, 45c.

Quantity Prices on Green Ink List.

### Pop Corn

See Page 25 for List and Prices.

### Standard Yellow Varieties of Top Notch Seed Corn

	Gallon Postpaid	Gallon Not Postpaid
EARLY YELLOW 90 DAYS .....	\$0.60	\$0.40
GOLD MINE .....	.60	.40
TENN. MAMMOTH YELLOW DENT..	.70	.50

Peck, Bushel, and Two-bushel Prices Quoted on Green Ink List.

## 5 PACKETS OF FLOWER SEEDS FREE

With any order to the value of \$1.00 or more at catalog prices we will send you FREE 5 packets of Flower Seeds, 5c size, your selection, or we will select them for you. Please state if you want the free Flower Seeds.



## The Best of Each Variety

The breeding of cotton seed is a most interesting study. Remarkable changes in type have been effected since the advent of the boll weevil made necessary earlier and earlier maturity, lighter foliage, smaller stalks, etc. These improvements are constantly going on, and new varieties and types are continually being developed.

We keep constantly in touch with this work all over the South, and as soon as a new variety has proven its worth and its seeds are available in commercial quantities, we offer them to our customers. We buy from breeders direct, and from growers who get breeders' stock and plant an entire plantation in one variety, and gin on their own private gin. (Note—Half and Half cotton is an exception to this general rule, as all of it is produced by relatively small farmers who gin on a community gin.)

## Machine Culled, Graded and Cleaned

After trying out all the cotton seed cleaners on the market, we felt better work could be done and built one of our own. Results have justified the expense. We take out hulls, loose cotton, trash, dirt, light weight immature seed. You would be amazed at what we remove from a ton of seed, even when the seed look very clean at first glance.

Therefore, the seed we ship are plump, full weight, uniform seed, clean of all trash; easy to plant, no clogging of planter, which means a uniform stand of strong, vigorous plants (plump heavy seed produce strong plants, light weight seed produce weak, sickly plants, and we remove them). Our culled and graded seed require less seed per acre to obtain a stand, which is a saving, and they produce more cotton per acre, which means more profit to you.

## Test For Germination

Germination tests are made on all our seed before shipping, and a careful record kept. We offer no seed to anyone that we haven't every reason to believe is right. We do not leave such matters to chance.

### Missdel No. 3—Succeeds No. 1

This variety has all the good characteristics of the Missdel No. 1 which made such a record for 3 years, and a lot more beside. For the Delta Planter who wants extra staple length it is the safest bet of all, makes a good crop every year, with weevils and with unfavorable cotton weather. It is an easy cotton to pick and a big yielder every year (bale per acre on 1,000 acres this year) bringing a big premium over short cotton prices. As high as 17 cents in October, 1933 and lots of it 14 to 15 cents when short cottons were 8 to 10 cents a pound. Think what extra profit to the grower!

Type, semi-dwarf, light foliage; big boll, 60 to 65 per pound; lint 32% to 34%,  $1\frac{3}{16}$  to  $1\frac{1}{4}$  inches full. Maturity, the earliest of all staples of equal length. Storm resistance good.

### Missdel No. 4—Succeeds No. 2

Type, dwarf and very hardy, and just about the earliest cotton grown. This variety on heavy black land will get off quicker than any other cotton, and because it has such a small stalk that the sun can get into, it matures "right now".

The boll is not so large as No. 3, about 70 to 75 to the pound, storm resistance is good, its lint percentage on Delta land runs 34 to 36 (better than thirds itself). And on hill land it has run 36% to 39%, think of it! Length of staple on Delta soil  $1\frac{1}{4}$  to  $1\frac{3}{16}$  inches and in hill land 1 inch to  $1\frac{3}{32}$  inches. The picking qualities have been much improved over Delfos 6102 from which it was developed. The originator of the famous Delfos cottons, speaking at the Station 2 years ago, said Missdel No. 4 was the greatest cotton he had seen.

Missdel No. 4 has made more cotton per acre on large acreage than any other cotton known of the same length.

### Cokers Foster 6

One of the most popular staple cottons bred by Coker Pedigreed Seed Farms. If your land grows too much weed, try this cotton, it makes a very small stalk. Very open growing, small leaves, very early maturing. Bolls large, 68 to 70 to the pound, are long ovate, slightly pointed, open out wide and fluffy, picking quality good, staple  $1\frac{1}{4}$  in. to  $1\frac{3}{16}$  in. A wonderful producer.

### COTTON SEED PRICES

All cotton seed described are quoted in our Green Ink List.



Missdel No. 4 Cotton.

## Delfos No. 531

This cotton is an extremely early maturing variety, quite similar to Missdel No. 4. Both are developments from the original Delfos 6102. It is one of the most prolific bearers ever developed, and one of the most successful cottons under boll weevil conditions. Foliage is light, plant is medium, vigorous and spreading. Bolls 75 to 80 to the pound. Lint percentage 32 to 34. Lint length on valley land 1 5/32 to 1 7/32, and on hill land 1 3/32 to 1 5/32.

## Wilds No. 5

Wilds cotton was originated five or six years ago by Coker Pedigreed Seed Farms, in South Carolina, and they have been working on it year after year, bringing up the desired characteristics each year, so that now they say of Wilds No. 5, "Our longest and best staple cotton."

Wilds 5 pulls 1 1/4 to 1-5/16 inch staple and sold in the fall of 1934 as high as 20c per pound. Has extra large bolls, 58 to 60 to the pound; 33.7% lint turn-out. Early maturity, quick fruiting, more open than Wilds 4, picking quality good. A prolific yielding cotton, very desirable on Delta soils.

Our Wilds No. 5 seed grown by Dean plantation near Leland, Miss., who bought solid carload from originator last spring.

## D. P. L. No. 10

This is the best of all the D. P. L. strains in our opinion, and this is proven by various Experiment Station tests. It is earlier than D. P. L. 4-8, more uniform in type, and more productive in the field. The plantation that produced our stock averaged a bale per acre on around 800 acres. That is real evidence of the value of D. P. L.-10.

D. P. L.-10 turns out well at the gin, 36% to 38%, and we have heard of 40% turnout. It pulls 1 inch to 1 1/16 inches. Picking qualities are excellent and the storm resistance is extra good. Bolls are large, 65 to 75 to the pound. The plant is vigorous and spreading.

## Stoneville No. 1

This has proven an ideal cotton on both sides of the river. Very early maturing, extra large bolls, 55 to 65 to pound. Easy to pick, but good storm resistance, lint percentage 33% to 36%, staple 1 1/16 to 1 1/2 inches. Wonderful crops of this cotton have been reported everywhere. You can see from description above why it is so popular. Further, the stalk is not large, but very dwarfy and stocky, and a very prolific yielder.



Acala 37 Cotton.

## Stoneville No. 2

This is a more vigorous and spreading plant than No. 1, but also a very early cotton. Bolls not quite so large but still large. Picks well, and has very good storm resistance. Lint percentage 34% to 36%, and length of staple 1 1/32 to 1 3/32 usually.

## Acala 37

This is the best of the Acala cottons, and in Arkansas, Oklahoma and Missouri has made an enviable record. It is a 1 1/32 to 1 1/2 inch cotton, with an exceedingly silky, strong fibre that cotton mills want, and therefore, it is easily sold.

Acala 37 has a big boll. Lint percentage runs usually 33 to 36 percent. Easy to pick but storm resistance is good, and it has been exceptional as a drought resister. The stalk is vigorous, and we think gives best results on uplands and sandy or clay loams.

## Rowden 40

Rowden cotton has been known for 25 years, but the strain 40 is a distinct improvement developed at the Cotton Experiment Station in Arkansas. It has a very large round boll, very popular with pickers. Lint outturn averages 35%. Staple 1 1/16 inches. Early maturity, storm resistance good. A prolific yielder, and particularly desirable where cotton wilt is present, as it is highly wilt resistant.

## Half and Half

Probably the most "cussed out" cotton known. Cotton mills claim it is too short and brittle to be desirable. However, year after year, farmers demand this variety, and make a good living out of it, receiving almost as much per pound as for other short cottons, and a whole lot bigger turn-out at the gin. The originator claims from 45% to 51% lint.

Unless you buy direct from the originator whose price is \$8.00 per cwt. today, January 5th, 1935, you can only obtain Half and Half ginned on public gins because it is almost entirely raised by small farmers. We pick only the best we can find, demanding gin records to show how it turns out, and turn down much more than we buy. All other cottons we can furnish privately ginned, but you can't do this on Half and Half.



D. P. L. No. 10 Cotton.

## COTTON SEED PRICES

All cotton seed described above are quoted in our Green Ink List.



This is an actual photograph of the Mars-Rose Cotton.

# Mars-Rose Cotton

## America's Most Unusual Cotton

Mars-Rose is the result of forty years of breeding and selection by A. D. Cosgrove of Lawton, Oklahoma. During those entire forty years, Mr. Cosgrove was working toward an ideal, discarding each year the plants that were unpromising, selecting for next year's propagation the type of plant and the type of boll that he wanted to perpetuate. Each year his selections were planted in a small garden patch and it was not until 1932 that he put Mars-Rose on the market, selling only a few bushels of seed at \$100.00 per bushel.

The Result—Mr. Cosgrove has produced four bales of Mars-Rose Cotton on one acre without fertilizer or irrigation—one stalk in 1932 contained 175 bolls, which averaged in weight 1½ ounces each, almost 15 pounds of cotton on this stalk. Other stalks have shown more bolls.

The bolls are produced largely in clusters, as noted in photograph; sometimes as many as five large evenly developed bolls on a single stem. The average bolls have 5 locks, but many have shown 7 and 8 locks and as high as 14 locks. The lint percentage runs 35% or better and staple usually 1 1/16 inches or better.

We have seen many amazing testimonials from planters giving results obtained by comparison with other cottons

in same field. We are told the Russian Government offered Mr. Cosgrove over a million dollars to go over there for two years and produce Mars-Rose for them exclusively, which he promptly turned down, being well past seventy years of age. Having lived in a modest manner all of his life, and having accumulated enough for his family to be taken care of properly, there was no great attraction in the offer.

The name Mars-Rose is a testimonial to Mr. Cosgrove's twin daughters, Marcella and Rossella—two beautiful young girls—now being educated for missionary work in foreign lands. The sentiment shown in naming the crowning achievement of his life's work for his twin daughters is characteristic of the man.

Unfortunately, a great accomplishment brings penalties as well as pleasure, as Chas. Lindbergh, the aeronaut, found to his sorrow. Many unscrupulous persons have taken orders for Mars-Rose seed at big prices and delivered seed of an ordinary common variety, or sometimes containing a small amount of Mars-Rose mixed in.

To avoid this, Mr. Cosgrove's seed is sold only in sealed cartons bearing his signature.

One Bushel, \$15.00, F.O.B. Memphis, Tenn.,  
as Long as Stocks Last.

### WARNING—

Every Package Must  
Bear this Signature

**MARS-ROSE COTTON**

*A. D. Cosgrove*

### Special Introductory Package

Containing 1500-2000 Seed **\$1.00**  
Postpaid 1st and 2nd Zones

Address All Orders to

## RUSSELL-HECKLE SEED CO.

Box 104

MEMPHIS, TENN.

We are Exclusive Handlers in Memphis Trade Territory



## Russell-Heckle's Farm Seeds

TOP NOTCH QUALITY SEEDS MEAN BETTER CROPS

The most vital need of those who depend for their living on the products of the soil is pure seed, not mixed with noxious weed seed, and of high germinating quality. Our Top Notch brand was originated to designate seed stocks filling just that need, and their dependability is responsible for their popularity.

Top Notch brand on the seed you plant means bigger crops and more profit to you. To use it means satisfied customers who tell their friends about us, which in turn means more friends for us. It's an endless chain, and Top Notch Seeds form the links.

### Alfalfa



The crop that pays constant dividends, and at the same time builds soils.

Alfalfa is one of the few crops that cannot be over-produced. It stands for years, yields several cuttings a season and makes a hay about as high in protein as wheat bran; it more nearly approaches perfection as a forage crop than any one other crop. When fed with a grain ration, it supplies the protein necessary for a balanced food. For dairy, breeding and fattening cattle, hogs and sheep, it is the ideal hay. As a soil builder, it is claimed that it adds more than twice as much ammonia or nitrogen to the soil as red clover. Alfalfa does not ask the farmer to buy expensive nitrogen, but gets all it needs from the air and stores it in the land to make bigger the crops that follow it.

**PREPARATION OF SOIL.** Good loam or clay soil with natural or artificial drainage, with no hardpan underneath, will grow Alfalfa when properly prepared, and proper and thorough preparation is a prime necessity for a uniform heavy stand. Where the soil is acid, and that is the case in most instances, liming is necessary.

**CULTURE.** The seed may be sown broadcast or in drills and covered one inch. If sown broadcast, use 20 to 25 pounds of seed per acre. Sowings made in the spring, March and April, or in the fall, September and October, are successful.

**FERTILIZING.** Use three tons of ground limestone where lime is needed, broadcast to each acre. Applying a coat of well-rotted stable manure will be beneficial. If you have tried Alfalfa, and it died out, it was on account of need of these fertilizers.

**INOCULATION.** The cost of inoculation per acre is so small that the increased yield will repay it many times.

Use either Nitragin or Dickinson's Humus culture which you will find described and quoted elsewhere in this catalog.

#### R.-H. Co.'s Top Notch Western Alfalfa

The United States Department of Agriculture says that a good grade of Kansas Common type of Alfalfa is standard for the South. Where this type of seed is produced, in Kansas and Northern Oklahoma, they have severely cold weather in winters and extremely hot weather in summer, with dry periods and wet spells. Much more unfavorable conditions than our territory has to bear. Repeated tests at our Experiment Stations and actual field results show the accuracy of the department's statement. We have sold hundreds of thousands of pounds all over the South where it has given splendid results.

Our seed this spring are the cream of the crop in Kansas and Northern Oklahoma, bought by our own representatives, who spent almost two months in the growing fields last fall when crops were harvested. 1 lb., 40c, postpaid. Not prepaid, 1 lb., 35c.

Quantity Prices on Green Ink List.

#### PLANT CROTALARIA

It is one of the greatest soil builders ever produced.

#### R.-H. Co.'s Top Notch Hardy Northwestern Alfalfa

The Northwestern states, like Idaho, Nebraska, produce a very hardy type of Alfalfa, due, naturally, to the severely cold winters that Alfalfa must weather there each year. Our Top Notch Northwestern Seed represents our choice of the stocks produced there, based on purity and growth. Such seed costs more than seed produced farther south, but the man who buys Top Notch Northwestern Alfalfa will get full value for every dollar spent. 1 lb., 45c; postpaid. Not prepaid, 1 lb., 40c.

Quantity Prices on Green Ink List.

#### WHY INOCULATE

Inoculation of your seed before planting will give you a much stronger and quicker growth, producing a greater tonnage of hay. The cost of inoculation per acre is so small that the increased yield will repay it many times.

The big benefit comes in the value added to your land. The roots of the Alfalfa are the home of the inoculated bacteria, that draw the fertility-building nitrogen from the air and store it in swellings on the roots called nodules. These nodules not only feed nitrogen to the plant, but rot away in the ground to supply valuable nitrogen to all future crops of all kinds.



Same field of Lespedeza Sericea at two stages of growth.

## LESPEDEZA SERICEA, the New Perennial Lespedeza

is wholly a new type of Lespedeza, having an enormous root system that not only enriches the soil, but lives throughout the winter and starts the new crop from the old stubble in the spring, and multiplies rapidly when mowed or grazed off. Two cuttings of hay and a seed crop may be obtained each year, as high as four tons of dry hay in one season, the equal of alfalfa in feeding value. The plant is extremely leafy.

**SERICEA** will grow apparently anywhere in the United States on almost any type of soil without liming or any kind of treatment. It is now growing on sour soil, on white buckshot and on poor sandy soil.

For largest yield of seed, sow in three foot rows about three pounds of scarified seed per acre, cultivate to keep weeds down. Seed bed should be very firm and seed covered very lightly, then rolled for best results. Yields 300 to 400 pounds seed the first year and around one thousand pounds thereafter.

For Prices see Green Ink List

### Kobe Lespedeza

A new and improved type of Lespedeza which grows much ranker and has larger leaves and slightly coarser stems. It has been known to grow 38 inches tall, but usually about 2 to 2½ feet. Possibly due to its rank growth, completely shading the ground and thus retaining moisture, it is much more resistant to dry weather and comes through a drought when common Lespedeza burns up. An excellent variety for pasture and hay and a great improvement over the common Lespedeza.

Quantity Prices on Green Ink List.

### Tennessee Station No. 76 Lespedeza

This variety is similar to the common or wild variety, except that it is taller and more upright in growth, holding all the branches off the ground, even when the plants stand alone. It is finer stemmed than Korean or Kobe, and grows to the height of nearly three feet under favorable conditions. It blooms slightly later than Kobe and considerably later than Korean or common. The hay yields made on the West Tennessee Experiment Farms are larger than those of the other varieties.

Quantity Prices on Green Ink List.

### Red Clover

This is regarded as the most valuable of the Clover family. Cut for hay or plowed under it adds fertility to the soil. Sow in March, April or in fall, broadcast 10 pounds of seed to the acre. 1 lb., 50c, postpaid. Not prepaid, 1 lb., 45c.

Quantity Prices on Green Ink List.

### Alsike or Swedish Clover

Alsike Clover grows thicker than Red Clover. It succeeds on a variety of soils, light upland loamy lands as well as stiff, wet bottom lands. Sow in March, April or in fall, 8 lbs. to the acre. 1 lb., 50c, postpaid. Not prepaid, 1 lb., 45c.

Quantity Prices on Green Ink List.

### White Dutch Clover

White Dutch Clover is used principally for lawns, a small proportion in permanent pasture. Sow either in the spring or fall. When sown by itself, sow 5 to 6 pounds per acre. 1 lb., 50c, postpaid. Not prepaid, 1 lb., 45c.

Quantity Prices on Green Ink List.

### Standard Varieties of Clover Seed

	Sow to Acre	Time to Sow	Price lb. Postpaid
CRIMSON CLOVER...	15 lbs.,	August and September	30c
BURR CLOVER.....	30 lbs.,	August and September	30c
MAMMOTH SAPLING	10 lbs.,	March and April	50c
BLACK MEDIC.....	20 lbs.,	March and April	50c
Not prepaid 5c less per lb.			



### Korean Lespedeza

The earliest of the annual Lespedezas comes up early in the spring and grows rapidly, furnishing much earlier pasture than any other variety. The leaves are larger than common Lespedeza, and more rounded. Begins flowering in July, the flowers crowding near the ends of the branches, as distinguished from other varieties, which have flowers scattered along the stems. Korean is especially suited for a short growing season. The seed ripens in September.

Quantity Prices on Green Ink List.

### Common Lespedeza or Japan Clover

Grows practically anywhere. Sow 1 bushel per acre in February, March, April, broadcast on good seed bed. Makes splendid pasture and fine hay.

### White Sweet Clover or Melilotus

As a land builder it has few equals. Does well on soils containing lime. It resembles Alfalfa both as to appearance and habit of growth when young; however, it grows much larger than Alfalfa, often 4 to 6 feet high. Valuable as a pasture and, in spite of its bitter taste, stock learn to like it. Sow early in the spring or fall at the rate of 15 to 25 pounds per acre. 1 lb., hulled and scarified seed, 25c, postpaid. Not prepaid, 1 lb., 20c. Quantity Prices on Green Ink List.

### Yellow Blossom Sweet Clover

The Yellow Blossom type is very similar to that of the White Blossom. For those who wish to use Sweet Clover for pasture, hay and bee purposes, we would advise the use of the Yellow Blossom type. 1 lb., 25c, postpaid. Not prepaid, 1 lb., 20c. Quantity Prices on Green Ink List.

### Hop Clover

This is an annual that looks a good deal like Common Lespedeza, growing upright, 6 or 7 inches tall, with a yellow blossom. However, it does most of its growing from early spring and mid-summer, making a splendid combination with Lespedeza in pastures, also with Bermuda and other pasture grasses and clovers. 1 lb., 50c, postpaid. Not prepaid, 1 lb., 45c.

Quantity Prices on Green Ink List.

### INOCULATE

Be sure to inoculate all clovers and the kindred plants on this page with either Nitragin or Dickinson's Humus culture. You are sure to make a catch of that particular crop and at the same time you get a larger yield.

# Russell-Heckle's Grass Seed

## How to Plant

In planting grass seeds the land should first be thoroughly cultivated and pulverized. The seed may then be scattered by hand or with a hand-seeder, such as described in this catalogue. A harrow or rake should then be used, which will mix the seeds with the soil so they will be covered about one-quarter inch deep. If not convenient to sprinkle, the planting should be done when there is a good season in the ground, and land rolled or dragged after harrowing. This will pack the soil so the moisture will be saved from evaporation and thus cause the seed to germinate, and to nurture the grass until it establishes a good root system.

## Sudan Grass

### A Wonderfully Quick-Growing Summer Hay Grass

Yields two or more cuttings to season. Makes a bigger and better crop than Millet. It stools out wonderfully after the first cutting. Stock eat it up clean, blades, stalks and heads. A wonderful summer catch crop for hay. A sure hay crop in a dry season. Ready to cut in about 45 days after the first cutting.

Sow it after the ground becomes thoroughly warm, say after corn planting time. It may be sown either with a grain drill or in rows two feet apart, and cultivated like corn. When sown in rows it grows 6 to 7 feet high; when sown broadcast the hay is finer and rather better than when grown in rows. Cut when in bloom, for at that stage the feeding value is highest, yet there are few grasses so little injured by standing beyond the proper stage for cutting.

Sow 6 to 8 pounds to the acre in 2-foot rows; 25 to 30 pounds broadcast. By mail, 1 lb., 25c, postpaid. Not prepaid, 1 lb., 20c.

Quantity Prices on Green Ink List.

## Carpet Grass

### Easily Eradicated by Plowing

Grows practically anywhere over the South where temperature does not go below ten degrees above, thrives vigorously on any kind of soil if moisture conditions are favorable; even on acid soils and poor sandy soils. Equal in feeding value to Bermuda. May be grazed both earlier in spring and later in fall than Bermuda; stands close grazing and heavy trampling. In fact spreads more rapidly with close grazing. Sow 10 to 15 pounds per acre for pasture. Add 5 lbs., Lespedeza per acre to all Carpet Grass pastures. On golf courses, parks, lawns, sow 20 to 30 pounds per acre. Making a thick leafy sod that improves with close cutting. Sow spring and summer. 1 lb., 30c, postpaid. Not prepaid, 1 lb., 25c.

Quantity Prices on Green Ink List.

## Orchard Grass

A most valuable grass for pasture and hay lands and on account of its earliness very valuable for permanent pastures, as it furnishes the first green bite in the spring and the last in the fall; is quick to recover from close cropping and even thrives better the more it is cropped. Gives rich pasture till late fall. It will stand the drought. It is well suited for shady places, such as orchards and groves. Richer feed than Timothy and outlives it. Sow 21 lbs., per acre. 1 lb., 30c, postpaid. Not prepaid, 1 lb., 25c.

Quantity Prices on Green Ink List.

## Timothy

The best known of all grasses grown for hay. Sow 15 pounds per acre. A stand is easily established, it starts quickly and yields its best crop the year after it is sown, but if top dressed with stable manure, next crop will be as good. Stands up well, easily cured, yields 1½ to 3 tons hay per acre on good land. Best time to cut is when in blossom, easier to cure and feeding value is highest then. Grows on any good loamy soil provided plenty of moisture is present. 1 lb., 45c, postpaid. Not prepaid, 1 lb., 40c.

Quantity Prices on Green Ink List.

## Dallis Grass

Is a perennial, will grow 3 to 5 feet high if not cut. Has a long growing season all over South. Can be cut twice a season, making excellent green feed and hay. Stands close grazing and is not injured by light frost. Hardy, thrives on most soils that are not too dry and sandy, but prefers fairly heavy soils with moist condition. Sow from middle of March to June, 6 to 8 pounds per acre. 1 lb., 45c, postpaid. Not prepaid, 1 lb., 40c.

Quantity Prices on Green Ink List.



Sudan Grass.

## Red-Top or Herd's Grass

This grass makes excellent pasturage and a good crop of fine quality hay, and succeeds on a greater variety of soils than any other in general use. The place for Red Top is on rather moist soil, deficient in lime and fertility. It will grow where the soil is too poor for Timothy and Kentucky Blue Grass, and once established thickens and improves year after year. It is a good variety to sow with Timothy and Clover for meadow or pasture and is more permanent than either of the other two. On good soil it grows about two feet high; on poor, gravelly land about half that height. It has been grown successfully even on alkali land where other grasses failed. It requires about 8 to 10 pounds to seed an acre of the Fancy Clean seed. It can be sown either in the spring or fall. 1 lb., 30c, postpaid. Not prepaid, 1 lb., 25c.

Quantity Prices on Green Ink List.

## Bermuda Grass

Bermuda delights in sunshine and warmth. It is extensively used in this section for levee work and pasture. The seed should be planted in April, May or June. Seed requires 20 to 30 days to germinate. The ground should be well prepared with a good firm seed bed, and seed broadcast at the rate of ten pounds per acre. Do not cover more than half an inch. The seeding should not be done too early, as the seed will not germinate if sown before the weather and ground become warm. 1 lb., 45c, postpaid. Not prepaid, 1 lb., 40c.

Quantity Prices on Green Ink List.

# Russell-Heckle's Pasture and Grass Mixtures

These are composed principally of grasses which ripen together for cutting; but they also contain other grasses which will also add very much to the pasturage yield, in case it is desired to use the fields for pasturage. These grass mixtures afford splendid crops of hay of the finest quality and highest feeding value, and after being cut will give continuous and abundant pasturage till winter comes. May be used for hay exclusively, or for hay and pasturage as needed.

**PERMANENT GRASS MIXTURE No. 1.** For hay or pasture. Recommended for light, loamy or medium upland, for either hay crop or grazing purposes. Composed of Orchard Grass, Perennial Rye Grass, Tall Meadow Oat Grass, Red Clover, Alfalfa, etc. Sow 30 to 35 pounds to the acre. 1 lb., 30c, postpaid. Not prepaid, 1 lb., 25c.

Quantity Prices on Green Ink List.

**PERMANENT GRASS MIXTURE No. 2.** Intended for good moist soils, also for grazing as well as hay. Sow 25 pounds per acre. This is intended for the average soil. Use more seed where land is drier. If stock does not keep down to six or ten inches use the mower to do so. 1 lb., 30c, postpaid. Not prepaid, 1 lb., 25c.

Quantity Prices on Green Ink List.

**PERMANENT HOG MIXTURE.** Especially prepared for pasturing hogs. Composed of Red Clover, Red Top Grass,

Orchard Grass, Alsike Clover, Rape, etc. Sow in February, March and April, also fall, at rate of 20 lbs., per acre. 1 lb., 30c, postpaid. Not prepaid, 1 lb., 25c.

Quantity Prices on Green Ink List.

**CHICKEN PASTURE MIXTURE.** A splendid mixture of grains, clover and grasses for green feed for chicken runs. Sow in February, March and September at the rate of 30 pounds to the acre. 1 lb., 25c, postpaid. Not prepaid, 1 lb., 20c.

Quantity Prices on Green Ink List.

**TIMOTHY AND ALSIKE MIXED.** Suitable mixture for wet lands, furnishing good pasture and hay. Sow in early spring and fall, 15 pounds of the mixed seed per acre. 1 lb., 45c, postpaid. Not prepaid, 1 lb., 40c.

Quantity Prices on Green Ink List.

# RUSSELL-HECKLE'S LAWN GRASS SEED

Spade or plow ground to the depth of 8 inches. Afterwards harrow or rake carefully, pulverize all lumps and remove all large stones. If the soil is shallow, procure a supply of fine mold and spread over the surface to a depth of 5 inches. Soil may be enriched by bone meal or well-rotted manure wherever necessary, then rake level and roll the soil well to make a solid bottom. Scatter the seed evenly over the surface at the rate of 60 or 75 pounds per acre. Rake seed in and roll, water regularly and carefully, as the soil is liable to dry out in the heat of the day, and if it does while the seed is germinating it will invariably perish. When the grass is 3 inches high it should be cut and rolled, and repeat until the grass has become firm. Should bare spots appear, rake the surface and sow more seed.

## Evergreen Lawn Grass

Our Evergreen Lawn Grass is a mixture of grasses that are adapted to lawn making, and contains none of the coarse grasses nor those that grow in tufts or clumps. No one grass makes an ideal lawn grass, so we have put into our Evergreen a well-balanced mixture of grasses that are at their best during different months of the year, will give a beautiful green growth at all seasons, and will make a rich, deep green, velvety lawn in as short a time as possible. By mail, postpaid, 1 lb., 40c, Not prepaid, 1 lb., 35c.

Quantity Prices on Green Ink List.

## Shady Spot Lawn Grass

Only a few grasses will grow satisfactorily in the shade. Among the grasses best adapted to this purpose are Poa Trivialis and Red Fescue. These grasses should be the base of all mixtures for shady lawns and woods. Shady Spot Lawn Grass contains a large proportion of these two grasses besides other adapted turf-making grasses that will blend and make a thick velvety sod. By mail, postpaid, 1 lb., 45c. Not prepaid, 1 lb., 40c.

Quantity Prices on Green Ink List.

## How to Make a Real Winter Lawn

October and November are the ideal months for sowing. Simply sow seed on top of Bermuda or summer grass, these should be cut closely, broadcast the seed evenly over the surface covering  $\frac{1}{2}$  to 1 inch with our granulated Peat Moss.

This Peat Moss when wet retains the moisture and is free of weed seeds or fungus. A bale about 135 lbs., will top dress about 1000 square feet or an area about 50x20 feet.

Three days later, sow the winter grass. Try our granulated Peat Moss this fall and watch the most beautiful winter grass you have ever had.

Another good plan is to apply Vigoro to the established lawn at the rate of 2 pounds to 100 sq. ft. or 10 by 10 space. After the Vigoro is spread, wet it down thoroughly.

Price of Peat Moss, \$3.50 per bale.



Evergreen Lawn Grass.

## Kentucky Blue Grass

Adapted for shady locations, and requires rich soil. It will do well where lime is used in the ground. Fine for lawns, also for pasture, where soil is suitable. Sow in February, March and April, also in the fall. One pound sows 20 by 20 feet, or 400 square feet; 80 to 100 pounds to the acre. 1 lb., 40c, postpaid. Not prepaid, 1 lb., 35c.

Quantity Prices on Green Ink List.

## Italian Winter Rye Grass

For winter lawns. This grass is becoming more popular each year. When sown in the fall, which is the proper season, Italian Rye Grass remains green all through the winter. Sown on top of Bermuda in October or November. For lawns use 1 lb. to 10 by 20 feet. 1 lb., 25c, postpaid. Not prepaid, 1 lb., 20c.

Quantity Prices on Green Ink List.

## R.-H. CO.'S MILLET

**MILLET.** Nothing pays better for a stock raiser or a dairy farmer than a few acres of Millet, for it not only yields at least half again as much hay per acre as Timothy or Clover but is also of the greatest feeding value and milk producing quality. When spring is so unfavorable that other crops fail to grow, or when the season is so late that corn will not mature, Millet is invaluable.

## Tennessee German Millet

Our Southern grown Millet makes much better growth than the Western grown seed. This true Tennessee grown, a type that produces better quality, grows taller and gives a larger yield of very nutritious hay, is a quick grower. It should be cut for hay when it begins to show the heads. Plant  $1\frac{1}{2}$  to 2 bushels an acre broadcast. Plant from April to August. 1 lb., 20c, postpaid. Not prepaid, 1 lb., 15c.

Quantity Prices on Green Ink List.

## Pearl or Cattail Millet

A well-known and valuable green forage plant for the South. It is one of the greatest and best yielders of green forage and continues to grow and produce through the entire season if cut frequently enough to prevent its going to seed; three to four cuttings may be had. Sow thinly in rows 3 feet apart at rate of 8 to 10 pounds per acre. 1 lb., 25c, postpaid. Not prepaid, 1 lb., 20c.

Quantity Prices on Green Ink List.

## Japanese or Barnyard Millet

Distinct from other millets; grows 4 to 6 feet high, yielding an enormous crop that in quality is equal to corn fodder and is relished by stock. Sow in May, June or July, 20 pounds to the acre broadcast; or sow in 15-inch drills and cultivate until it is 18 inches high. 1 lb., 25c, postpaid. Not prepaid, 1 lb., 20c.

Quantity Prices on Green Ink List.



Tennessee German Millet.



## R.-H. CO.'S SEED OATS

**CULTURE.** Sow as early as possible, in February and through March, in good soil two to two and one-half bushels to the acre. If the soil is poor, use 200 to 300 pounds 16% Phosphate to the acre. Cut them for hay when the oats are in the milk stage or about half mature.

### Early Burt or Ninety-Day Oats

Probably the earliest maturing of all Oats, hence Burts can be planted after it is too late to sow any other variety. Can be planted in March and mature in time to escape injury from heat. Early plantings can be out in time to put the same land in corn, cowpeas, soy beans, peanuts, cane millet or other summer crops. For quick feed in the spring and for grazing, the Early Burt is the best of all. It is not a heavy yielder of grain, but fine for cutting in the dough stage.

Prices on Green Ink List.

### Fulghum

A rust proof variety developed from the original Red Rust-Proof Oat. It is one of the most satisfactory and popular oats known. Its productiveness and early maturity, probably more than any of its other good qualities, have contributed to its wide popularity. They stool out splendidly, have large full heads, fine plump grains, and strong straw that stands about 3 feet high.

Prices on Green Ink List.

### Tennessee Winter Turf Oats

Tennessee has long been famous for its Winter Turf Oats, which have probably the greatest propensity for stooling of all the present-day oats. Further, they are the hardest oats we have and will come through the winter when other varieties have all been killed out. Due to their strong turfing and stooling characteristics they excel all other oats for grazing purposes after fall planting.

Prices on Green Ink List.

### Broom Corn

**BLACK SPANISH BROOM CORN.** Very desirable on account of its good length and its uniformly straight straw and color. 1 lb., 25c, postpaid. Not prepaid, 1 lb., 20c.

**IMPROVED EVERGREEN BROOM CORN.** An excellent variety of good length; has fine straight straws. Sow in April, one gallon to the acre. 1 lb., 25c; postpaid. Not prepaid, 1 lb., 20c.

**OKLAHOMA DWARF BROOM CORN.** Straight, stiff stems and leaf; markets readily. 1 lb., 30c, postpaid. Not prepaid, 1 lb., 25c.

**SCARBROUGH DWARF BROOM CORN.** A new variety of Dwarf Broom Corn, the straw is erect, very straight and uniform in length. It always brings top prices on the market. Postpaid, 1 lb., 30c. Not prepaid, 1 lb., 25c.

Quantity Prices on Green Ink List.

### Teosinte

Mammoth forage plant. The yield is astonishing and can be cut several times through the summer and until frost. Looks somewhat like Indian Corn, but wider, and longer, and the nutritious leaves and stalk contain a sweet sap. Grows 12 feet high. A valuable fodder crop, to be used in the green stage, for the South. Plant about 4 pounds of seed per acre in 3 foot rows, dropping seeds 4 to 6 inches apart. Oz., 15c; ¼ lb., 40c; 1 lb., \$1.25, postpaid. Not prepaid, 1 lb., \$1.15.

### Red Rust-Proof Oats

For years the standard in the South. Thousands of acres are planted to Red Rust-Proof Oats each year. Oats in the South have long been subject to rust and that's why the Northern White Oats are not successful down South. The Red Rust-Proof Oat is a very vigorous grower, robust and productive, does well on low ground.

Prices on Green Ink List.

### Kanota Oats

Bred at Kansas Experiment Station; named for three states, Kansas, Oklahoma, Texas. Bred from an improved strain of Fulghum, and often called Kanota-Fulghum. A splendid variety, early in maturity, always a big advantage; an exceptionally heavy yielder of both grain and straw, with uniform plump, heavy berry. Quite resistant to cold and for that reason much sought after for fall planting.

Prices on Green Ink List.

### Appler Oats

This is another development from an improvement over the old original Red Rust-Proof Oats. Its main claim to popularity is the extra yield that it gives, which is fully equal to the famous Fulghum Oats, though the Appler is not quite so early as the Fulghum.

Prices on Green Ink List.

### Buckwheat

Sow three pecks to one bushel to the acre. It can be sown so late as to prove a profitable second crop to follow early peas, potatoes, etc. Good pasturage for bees. 1 lb., 20c, postpaid. Not prepaid, 1 lb., 15c.

Quantity Prices on Green Ink List.

### Mammoth Russian Sunflower

The seeds when fed to poultry make a real egg-producer, being rich in oil and protein; it is an ideal food during the moulting season. No farm where poultry is raised can afford to be without a patch of sunflowers. The leaves are excellent fodder. The whole plant makes fine ensilage and hog feed. Under favorable conditions, 40 to 60 bushels can be grown on an acre. Plant up to the middle of July at the rate of 3 lbs., per acre. Plant and cultivate like corn. 1 lb., 25c, postpaid. Not prepaid, 1 lb., 20c.

Quantity Prices on Green Ink List.

### Chufas

An excellent hog-feeding crop, fine for light soils. Plant in rows, one peck to the acre, in April or May. 1 lb., 25c, postpaid. Not prepaid, 1 lb., 20c.

Quantity Prices on Green Ink List.

### PLANT CROTALARIA

The greatest soil builder ever produced.

PRICES ON LARGE QUANTITIES QUOTED ON OUR GREEN INK LIST.



Field of Laredo Soy Beans.

## RUSSELL-HECKLE'S SOY BEANS



The most valuable and popular leguminous summer forage crop. Our location in the very heart of the original and best Soy Bean seed producing section enables us to supply the finest stock of seed offered anywhere at especially advantageous prices, quality considered. When you buy from us, you buy direct from Soy Bean headquarters. We grow and handle many thousand bushels of Soys every year.

Prices Change Frequently. Write for Quantity Prices.

### Biloxi Soy Beans

An upright variety growing 4 to 5 feet high, covered with a dense mass of foliage that does not shed easily. A heavy yielder of beans; the oil and protein contents are high; a fine bean for hogging down, for planting with corn or sorghum and for oil. The beans do not shatter, will stay in the pods until February. Late in maturing, requiring a long season to mature, but makes an unusually luxuriant growth; sow seed broadcast at rate of two bushels to an acre. In drills, sow  $\frac{1}{2}$  bushel to the acre.

Quantity Prices on Green Ink List.

### Delsta

Very stout, erect, short and bushy, splendid for combination with corn. Plant thick for hay. Very prolific, beans little larger than Mammoth Yellow and shatter much less.

Quantity Prices on Green Ink List.

### George Washington Soy Beans

Very early maturing, ready to cut in August; makes more vine than Virginia, and a very desirable variety; sow seed in May, same quantity as recommended for Virginias.

Quantity Prices on Green Ink List.

### Laredo Soy Beans

One bushel will plant 6 to 8 acres in rows 3 to 3 $\frac{1}{2}$  feet apart, depending upon how thick you want them. We know of one farmer who got a perfect stand using one bushel to 12 acres. They should not be covered deeper than 1 $\frac{1}{4}$  inches; a half-inch is better. One or two cultivations to keep down the grass and weeds is advisable. The Delta Experiment Station reports splendid results from sowing Laredo March 15th to April 10th with a wheat drill on oats planted previous fall. This drill helped instead of hurting the oats, and the beans were not large enough when the oats were harvested to interfere with the binder. Sow seed broadcast at rate of one bushel per acre; when sown in drills sow about 1 gallon or 2 gallons per acre.

Quantity Prices on Green Ink List.

### Mammoth Yellow Soy Beans

Valuable for both beans and forage. Mammoth Yellow is one of the largest growers among Soy Beans, and the most widely grown variety and excels in yield of bean and hay; sow seed in May broadcast at the rate of two bushels to the acre; when planted in drills use  $\frac{1}{2}$  bushel seed to the acre.

Quantity Prices on Green Ink List.

### Mammoth Brown

A fine big foliage variety, succeeds well in this section; won't shatter. The plant is upright, with heavy branches; a big yielder of beans and foliage. Does well on all soils. It is a medium early variety; matures its beans in about 110 days.

It should be planted in rows 3 to 5 feet apart and 8 to 10 inches in the row; sow 10 to 12 pounds to an acre. Mammoth Brown Soys grow 4 to 5 feet high and are covered with a dense mass of foliage that does not shed easily. When sown broadcast, use 1 to 1 $\frac{1}{2}$  bushels of seed to the acre.

Quantity Prices on Green Ink List.

### Mamredo Soy Beans

Produced from a hybrid of Mammoth Yellow and Laredo Soys at Delta Branch Ex. Sta. Shatters comparatively little, upright bushy plant, splendid for grazing and hay; its extra earliness is very valuable. Each of the characteristics is desirable; try some of these sure.

Quantity Prices on Green Ink List.

### Otootan Soy Beans

Few Soy Beans can equal Otootan as a hay maker. Its late maturity is more than overcome by the abundant growth—5 feet or more in long growing seasons—its fine stems and abundant foliage, and the fine texture of its hay. It differs from most varieties in having many leafy branches instead of a coarse central stem, making it easy to cut. Planted in 3-foot rows, they will cover the land with a mass of foliage.

Quantity Prices on Green Ink List.

### Tokio

Maybe a few days earlier than Mammoth Yellow but does not shatter quite so much. Bush type, erect growth; very prolific, and much grown in Tennessee and East Mississippi. Plant thick for hay. Seed greenish color, round.

Quantity Prices on Green Ink List.

### Virginia Soy Beans

As it is about 20 days earlier than Mammoth Yellow, it can be grown farther north and throughout the corn belt. The vines make a fine growth, are filled with pods, stand about 3 feet high, are easy to cut and easy to cure. The stems being fine and the leafage profuse adapts it particularly well for hay making; sow broadcast one and one-half bushels to an acre; in drills  $\frac{1}{2}$  bushel to an acre.

Quantity Prices on Green Ink List.

PRICES ON LARGE QUANTITIES QUOTED ON OUR GREEN INK LIST.



Sagrain.

## SAGRAIN

Grows on land you can't plant to other crops; thrives in low places that usually drown out. Produces from 8 to 20 tons silage, or if left to ripen will produce from 50 to 75 bushels grain, (about double corn yield) and 4 to 8 tons cured hay; has heads like Kaffir. Usually weighs about 7 ounces and the average ear corn weighs 8 ounces. In feeding value has 90% value corn; can be fed to hogs, chickens, cattle and work stock. Plant as early in the spring as frost will allow. Will then be ready to harvest when the crops are laid by, usually along about August 1. Splendid in combination with Biloxi Soy Beans.

Plant in  $3\frac{1}{2}$ -foot rows. Cultivate a couple of times and thin out, leaving a stalk every 8 inches apart. Use a common sorghum or pea plate. We do not recommend broadcast planting. Can be best harvested with corn binder, shocked like oats until cured. Six to eight pounds will seed an acre, planted in 3 to  $3\frac{1}{2}$ -foot rows. From each seed planted you get from 6 to 10 heads of grain as it stools out and should be left very thin in drill. 1 lb., 20c, postpaid. Not prepaid, 1 lb., 10c.

### Quantity Prices on Green Ink List.

**SAGRAIN No. 303-33.** An improved strain, a dwarf selection of the original Sagrain, with heavier head. Stalks grow stocky, dwarf and very uniform. You will find it a great improvement over the regular strain. 1 lb., 25c, postpaid. Not prepaid, 1 lb., 15c.

## SORGHUM

**CULTURE.** Plant when the ground becomes thoroughly warm, say two weeks after corn planting, on a rich, well drained clay loam, in rows  $3\frac{1}{2}$  to 4 feet apart, and cultivate as you would corn. After the flowering stage is passed, but not earlier, it may be pastured or cut for fodder. Sorghum may be grown with cowpeas and soy beans either in rows or broadcast.

## CANE SEED FOR SORGHUM

### Special Warning on Sorghum Cane

**NON-WARRANTY.** Owing to the peculiar hybridization of syrup cane varieties, it is impossible to guarantee any of the varieties here listed. We have selected all the syrup cane varieties on our list with best possible care, but at the same time do not guarantee that they will come true.

All orders for syrup cane varieties are therefore accepted only on these conditions.

## Sorghum and Cane for Fodder

**EARLY AMBER CANE.** One of the earliest sorghums and furnishes a large yield of most nutritious forage which may be fed either green or cured. If grown with cowpeas or soy beans the quality of the hay is improved and a more balanced ration may be had. The proportions recommended are 15 lbs. Early Amber Cane,  $\frac{1}{2}$  bushel of soy beans and 1 bushel cowpeas to the acre broadcast. Grows 10 to 12 feet high. Sow broadcast 1 to  $1\frac{1}{2}$  bushels to the acre; 8 to 10 lbs. plants an acre in  $3\frac{1}{2}$  to 4-foot rows. 1 lb., 20c, postpaid. Not prepaid, 1 lb., 15c.

### Quantity Prices on Green Ink List.

**EARLY ORANGE CANE.** About ten days later than Early Amber Cane, but makes a taller and more leafy growth. It is recommended for fodder, of which it yields immense crops, frequently two cuttings a season, and stooling out thicker after cutting. It may be grown with soy beans and cowpeas as recommended for Early Amber Cane and the quantity to plant an acre is the same. 1 lb., 20c, postpaid, 1 lb., 15c.

### Quantity Prices on Green Ink List.

**RED TOP or SUMAC.** Grown extensively in Middle Tennessee. Succeeds well in this section. Very sweet and one of the best for hay. 1 lb., 20c, postpaid. Not prepaid, 1 lb., 15c.

### Quantity Prices on Green Ink List.

**JAPANESE HONEY RIBBON CANE.** For making syrup this variety has no equal. It has been yielding from one to two hundred gallons per acre. It makes a syrup of bright amber color and of fine flavor. The stalks grow from 10 to 15 feet high, and with its large foliage makes one of the best varieties for ensilage.

For making syrup, cut just before the heads ripen, at which stage and sugar content of the plant is greatest.

Japanese Ribbon Cane matures ready for the mill in about 110 days. We, therefore, advise planting as early in May as possible. One gallon of seed will drill one acre. Cultivate like cotton, leaving plants about 10 to 12 inches apart in the row. Price, 1 lb., 25c, postpaid. Not prepaid, 1 lb., 20c.

### Quantity Prices on Green Ink List.

**TEXAS SEEDED RIBBON CANE.** Whether you grow it for syrup, for ensilage or for feeding, you will like it. The syrup yield is good, frequently from 175 to 200 gallons to the acre. As it grows 10 to 12 feet tall, with an abundance of fodder, it makes a most economical ensilage, filling the silo at a minimum cost. Plant in  $3\frac{1}{2}$ -foot rows when the ground has become thoroughly warm, thin out to stand 10 to 12 inches apart in the rows, and cultivate just as you do corn. 1 lb., 25c, postpaid. Not prepaid, 1 lb., 20c.

### Quantity Prices on Green Ink List.

**SUGAR DRIP.** It makes a large, juicy and succulent growth. It will yield about 65 per cent of the weight of the cane in juice. One of the most desirable syrup varieties. 1 lb., 20c, postpaid. Not prepaid, 1 lb., 15c.

### Quantity Prices on Green Ink List.

## Seed Peanuts

Prepare the ground well, laying off in rows with a shovel plow; the rows should be  $3\frac{1}{2}$  feet apart, and put two kernels to the hill, hills about one foot apart. One and one-half bushels of unshelled nuts will seed an acre.

**TENNESSEE LONG RED.** Especially adapted to this section. The nuts contain three large kernels in each and are enormously productive. 1 lb., 20c, postpaid. Not prepaid, 1 lb., 15c.

### Quantity Prices on Green Ink List.

**IMPROVED WHITE VIRGINIA.** These are uniformly large, and when grown on light sandy land will produce nuts of that bright attractive appearance demanded by the best trade. 1 lb., 20c, postpaid. Not prepaid, 1 lb., 15c.

**SPANISH PEANUTS.** Although not as large as other kinds there is no peanut grown that so entirely fills the pod or can compare with it in sweetness and flavor. 1 lb., 20c, postpaid. Not prepaid, 1 lb., 15c.



## CROTALARIA Spectabilis

This is truly a marvelous summer cover crop, a yield of 40,000 pounds of green material per acre is not uncommon. The humus produced by such a yield is of tremendous value. **More important still**, Crotalaria is a legume adding, when turned under, the equivalent of 800 pounds of Nitrate of Soda per acre (3-year test Florida Experiment Station showed 885 pounds average).

Crotalaria has succeeded all over the South, and as far north as Indiana. It is not a host to injurious insects and diseases. It will reseed itself under favorable conditions, but is not a pest and can easily be eradicated. Splendid soil builder in orchards, etc. Fine with corn planted in same rows when corn is planted, or in corn and other farm crops at last cultivation. It will just about double crop yields following it.

It is not offered as a feed crop, or hay crop, tho a nearby farmer tells us his mules ate it readily. But it is really too valuable as a fertilizer to feed. It will reclaim worn-out hillsides, gullies, etc.

Thoroughly plow, disc and harrow the soil. Sow after danger of frost is past, when moisture is present, 10 lbs. per acre broadcast or 5 lbs. drilled in 2 foot rows, using scarified seed only as with Sericea. Firm the soil immediately after planting to conserve the moisture, cultivate once or twice when planted in rows.

Price, 1 lb., 40c, postpaid. Not prepaid, 1 lb., 35c.

Quantity Prices on Green Ink List.

### Cowpeas

May be sown any time from March to September, either broadcast or in drills. One to two bushels per acre for broadcasting; two to three pecks for drilling.

**WHIPPOORWILL.** A favorite early bunch-growing variety. **NEW ERA.** An early, upright-growing variety. Matures early.

**BLACK STOCK.** Large vining variety. Best for thin land.

**CLAY.** Very similar to Black Stock, matures earlier.

**RED RIPPERS.** Vines grow long; make an abundance of hay.

**MIXED.** Preferred by many farmers; they will grow thicker than separate varieties, producing better crop of vines and forage.

**LARGE WHITE BLACK EYE.** The dried peas are readily salable as table peas during the winter.

**WHITE, CREAM or LADY.** Fine for table use. Very prolific.

**WHITE CROWDER.** An excellent variety for table use.

**BROWN CROWDER.** Clay colored, large size, of fine flavor.

Prices on Cowpeas given on application. Let us know how many you will need.

### Mung Beans

Mature about 15 days earlier than Soy Beans and Cowpeas and invariably have produced larger tonnage of hay and forage as well as larger production of beans. Grows 4 to 6 feet tall and is one of the finest soil improvers yet discovered. Requires about 8 pounds of seed to plant one acre. Plant in May in rows about 3½ feet apart and 2 to 4 inches apart in the rows. 1 lb., 40c, postpaid. Not prepaid, 1 lb., 35c.

Quantity Prices on Green Ink List.

### Canada Field Peas

Canada Field Peas are one of the best cover crops that can be grown; also excellent for hay. Resists the cold weather.

Sow in January, February and March. 60 to 90 pounds of seed to the acre with one bushel of oats. Qt., 35c, postpaid. Not prepaid, qt., 25c.

Quantity Prices on Green Ink List.

### Velvet Beans

Makes an enormous growth for forage, also worth millions to the South as a soil builder besides its value as a fall and winter feeding crop.

**EARLY SPECKLED OR 100-DAY VELVET.** The most valuable of all varieties and the general favorite for all sections. This variety is the quickest grower and the most prolific. Matures in from 90 to 100 days. Sow in drills in May, one peck to the acre. Qt., 45c, postpaid. Not prepaid, qt., 35c.

Quantity Prices on Green Ink List.

### Austrian Winter Peas

This wonderful winter cover and forage crop was introduced from Europe several years ago. Plant in September or October, when the ground is not in use, and it can be plowed under early in the spring, before time to plant spring crops. Will keep the land from washing and packing and at the same time furnish much valuable fertilizer. If desired the crop can be cut and used as feed. We advise sowing in September and October broadcast, 20 to 25 pounds per acre, mixed with a bushel of Rye, Oats, Barley or Wheat, or can be sown alone in drills at rate of 30 pounds per acre. 1 lb., 20c, postpaid. Not prepaid, 1 lb., 15c.

Quantity Prices Made in July.

### Hairy Winter Vetch

The hardestiest vetch; fine for hay, grazing and improving land. Grows on all soils, and surprisingly well on poor, thin land, and it will stand extremes of drought, heat and cold. It is to be sown in the fall in September and October. It never winter kills. Sow 20 pounds to the acre together with one bushel of Oats, Rye, Wheat or Barley to hold vines off the ground. 1 lb., 25c, postpaid. Not prepaid, 1 lb., 20c.

Quantity Prices Made in July.

### Hungarian Winter Vetch

This variety will stand winters and make a fine cover crop. Hungarian Vetch has proven perfectly satisfactory in the South. Sow 20 to 25 lbs. to the acre in September and October. Postpaid, 1 lb., 25c. Not prepaid, 1 lb., 20c.

Quantity Prices on Green Ink List.



## Dwarf Essex Rape

Yields over 10 tons of green forage per acre that for fattening is claimed to be worth, pound for pound, double the value of clovers. Good not only for sheep but ideal for hogs and splendid for all live stock and poultry, makes wonderful table greens. An acre of Rape will easily pasture twenty hogs for two months. Allow them to remain a short time the first day, increase the time each succeeding day, allowing stock access to salt.

Sow in February, March, April, September and October, broadcast 6 to 10 pounds per acre, or in drills 18 inches to 2 feet apart; when grown in drills and cultivated occasionally, the leaves will cover the intervening space. Matures in 6 to 8 weeks. Grows best in cool weather. Sowing 5 to 6 lbs. of Rape per acre in corn at last working has been found very profitable also.

1 lb., 20c, postpaid. Not prepaid, 1 lb., 15c.

Quantity Prices on Green Ink List.

## White Kaffir Corn

Kaffir Corn yields heavy crops. It adapts itself to a wide variety of soils; a long dry spell may stop its growth, but it starts again with the first rain. The grain as well as the plant makes fine feed for stock, hogs, poultry and pigeons. With Cowpeas, sow broadcast one peck of Kaffir Corn to a bushel of peas; sown alone, 3 pecks to a bushel an acre broadcast; in drills 6 to 8 pounds an acre in 3½-foot rows. Plant from after the ground is thoroughly warm till early in June. 1 lb., 20c, postpaid. Not prepaid, 1 lb., 15c. Quantity Prices on Green Ink List.

## Red Kaffir

Grows taller than the white; stalks tender, juicy and very leafy. Ripens earlier than the white and yields much heavier. 1 lb., 25c, postpaid. Not prepaid, 1 lb., 20c.

Quantity Prices on Green Ink List.

## Yellow Milo Maize

A wonderfully drought-resistant, non-saccharine sorghum that makes a thick succulent growth of nutritious milk-producing forage. For fodder and ensilage, cut when in the dough stage; at this stage it has a feeding value practically equal to corn. Any good corn land will bring Milo Maize either for green feed, dry fodder or for the grain. It grows on all soils from sandy to heavy clay loam. Plant in 3½-foot rows after the ground is thoroughly warm, and give it the same cultivation you would corn. Six to eight pounds will plant an acre. 1 lb., 20c, postpaid. Not prepaid, 1 lb., 15c.

Quantity Prices on Green Ink List.

## Egyptian Wheat or Shallu

The heads are large and heavy. It makes hens lay better than any poultry food. Plant in drills 3 feet apart, using ten pounds of seed per acre; or broadcast, using from 2 to 4 bushels. 1 lb., 30c, postpaid. Not prepaid, 1 lb., 25c.

Quantity Prices on Green Ink List.

## Feterita

Three or four weeks earlier than Kaffir Corn. It is the most drought-resisting of any of the sorghum family. Sow in April or May, in drills, 5 pounds to the acre. 1 lb., 25c, postpaid. Not prepaid, 1 lb., 20c.

Quantity Prices on Green Ink List.

## Darso

Low growing, heavy foliaged, with a large stalk, usually tinged red. On account of its drought-resisting qualities it has become a safe feed crop. Makes excellent silage, grain, and forage. Sow in 3½-foot rows, 10 lbs. to the acre. 1 lb., 30c, postpaid. Not prepaid, 1 lb., 25c.



Dwarf Essex Rape.

## GROHOMA

This new forage and grain crop, after thorough trials the past season, was found very satisfactory. Stock of all kinds like it, in fact they eat every particle of the stalk, leaves and head. It is rich in protein and fat. Plant from April 1st to July 1st in good soil. Make rows 4 feet apart, drop seed 12 inches. Since it stools considerably, very little seed is required. Sow 2 pounds to the acre. Prices of selected, well-cleaned seed from main heads, 1 lb., 25c, postpaid. Not prepaid, 1 lb., 15c.

Quantity Prices on Green Ink List.

## Jerusalem Artichoke

Fine for fattening hogs. They grow just like Irish potatoes. Every hog raiser should grow Artichokes; the hogs will harvest them without cost. Plant in 4-foot rows any time in March or April, dropping the cut pieces 18 inches apart in the row. They will produce 200 to 300 bushels to the acre. It requires 3 bushels to plant one acre. Qt., 25c, postpaid. Not prepaid, qt., 15c.

Quantity Prices on Green Ink List.

## Thousand Head Kale

Makes a wonderful green feed which is much relished by sheep, lambs, hogs, cows and poultry. For hogs Thousand Head Curled Kale seems to be especially suited, fattening them rapidly. Sow four to five pounds to the acre broadcast in March, April and May, also September and October. 1 lb., 60c, postpaid. Not prepaid, 1 lb., 50c.

## Hegari

Produces large heads of white grains, dwarf in growth, very desirable for hogs, forage and silage, yields enormously, drought resisting. Plant 10 lbs. to the acre in 3½ ft. rows. 1 lb., 25c, postpaid. Not prepaid, 1 lb., 20c.

Quantity Prices on Green Ink List.

# Fall Crops

(Note: Alfalfa, Clovers, some Grasses, Oats, Rape, are planted both in spring and fall, and are described elsewhere—see Index for these, also for Austrian Winter Peas and Vetches.)

## Winter Rye

Sow from Aug. 25th until middle of November, 1¼ to 1½ bus. per acre.

**COMMON RYE.** Standard for years as a winter cover and grazing crop.

**ROSEN.** Developed in Michigan—strong, vigorous stalk, extra large, plump grains; a heavy yielder of grain and splendid grazing crop.

**ABRUZZI RYE.** A distinct variety, far better than any other, in that it grows very much faster and stools much heavier, which means doubling the amount of grazing on an acre. You can start grazing earlier after sowing and keep it up longer. Three pecks to one bushel abruzz plants an acre against 5 to 6 pecks of other Rye—this makes Abruzzi cost less to plant, yet you get more in return.

Quantity Prices Made in July.

## Soft Winter Wheat

Sow from Sept. 15 to Nov. 15th, 1¼ to 1½ bus. per acre. Beardless varieties such as Red May, Fultz, Blue Stem, are most in demand, as there are no beards to bother when cut in dough stage for hay. Fine pasture and good hay, and good grain crop.

Quantity Prices Made in July.

## Winter Barley

Sow from Sept. 1st to Nov. 15th 1¼ to 1½ bus. per acre. **BEARDED.** The Standard for years in the South as a grazing crop and much relished by all stock. **BEARDLESS.** Bred from bearded and most of beards removed, usually about 85% beardless, which makes it better to cut in dough stage for feed. Equally good for grazing.

Quantity Prices Made in July.

ASK FOR OUR LIST OF CALIFORNIA GROWN ROSE BUSHES. WE HAVE MOST ALL THE NEW VARIETIES.

# DICKINSON'S HUMUS INOCULATION

Now you can inoculate your alfalfa, clover, soybean or other legume seed without the use of water and still be sure of growth of soil-improving root-nodules as full and vigorous as was formerly possible to obtain only by the use of bottle or "jelly" type cultures.

Dickinson's New Humus Inoculation has been perfected after careful study and experiment in the country's largest commercial soil bacteriological laboratory. Each culture contains millions of vigorous root-nodule bacteria living in a specially blended humus substance which can be mixed with the seed dry, just as it comes from the can. Every can contains plenty of culture material to fully inoculate the quantity of seed for which it is intended.

## IT PAYS TO INOCULATE

**1 Insures Better Stands.** The legume crops require plenty of nitrogen in their early growth. Inoculation makes an ample supply available.

**2 Insures Bigger Crops.** Inoculation by increasing available plant food promotes the most vigorous growth and produces bigger crops.

**3 Increases Value of Crop for Feeding.** By feeding nitrogen to plants, their protein content and, hence, their feed value is greatly increased.

**4 Adds Fertility to Soil.** Inoculation provides plenty of nitrogen for the crop and, when it is turned under, adds to the soil an average of 100 lbs. of nitrogen per acre.

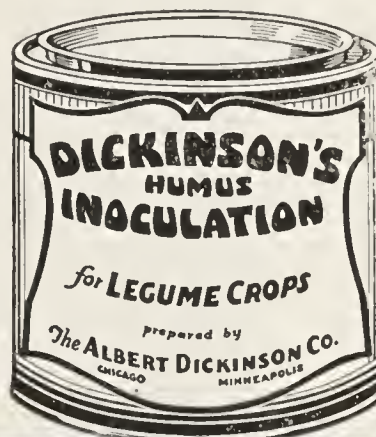
## DICKINSON'S HUMUS PRICES

For Alfalfa, Alsike, Red Clover, Sweet Clover, Small Seeds      For Soy Beans, Lespe-  
deza, Cowpeas, Austrian Peas, Vetches, Large Seeds

1/2 bu. size	.....\$0.25	1 bu. size	.....\$0.25
1 bu. size	......40	2 bu. size	......40
2 1/2 bu. size	......80	5 bu. size	......80
5 bu. size	.....1.50	10 bu. size	.....1.50

Above prices are parcel post, prepaid.

When ordering, always state kind of seed you wish to inoculate.



## TREAT Garden Corn with Semesan Jr.

Permits earlier planting, gives better germination, better stands therefore larger yields.

Apply dry to the seed; no special equipment is needed for this new seed treatment. Costs less than 7c an acre.

4-oz. pkg., 50c;  
1-lb. pkg., \$1.50;  
5 lbs., \$7.00. Not  
mailable.



Fresh each Year  
High Germ Count

## INOCULATE YOUR LEGUMES

Alfalfa, Clovers, Lespedeza, Soy Beans, Cow Peas

Beans, Vetch, Peas . . with

The Original Legume Inoculator



REDUCED TO

<b>65c</b>	per bu. size—Alfalfa, Clovers, Lespedeza
<b>50c</b>	per bu. size — Peas, Vetch, Beans, Aust. W. Peas
<b>35c</b>	per bu. size—Soy Beans, Cow Peas

YOU CAN NOW AFFORD TO INOCULATE ALL YOUR LEGUMES WITH DATED, HIGH COUNT NITRAGIN.

For your protection, because Legume Germs are PERISHABLE, every package of NITRAGIN bears the Expiration DATE as well as the Germ COUNT when packed, and the PRICE.

NITRAGIN guarantees Billions of live, fresh and efficient Legume Germs in every package—tells you what you are buying—guarantees full measure. NITRAGIN is always reliable—has served the American Farmer since 1898.

## NITRAGIN EASY TO APPLY

NITRAGIN is a regular, MOIST, soil-like culture packed in tins. Easy to apply. Directions on every can.

NITRAGIN—The Original Legume Inoculator—is the lowest priced, high quality inoculator on the market.

## NEW

## REDUCED NITRAGIN INOCULATION PRICES

When ordering always specify kind of seed.

Alfalfa, all Clover<sup>s</sup>  
Lespedeza

Size	Price
1/2 bu. ....	\$ .35
1 bu. ....	.65
2 1/2 bu. ....	1.40

Soy Beans, Cow  
Peas

Size	Price
1 bu. ....	\$ .35
2 bu. ....	.65
5 bu. ....	1.40
10 bu. ....	2.45

Peas, Vetch, Beans,  
Austrian Winter  
Peas

Size	Price
1/2 bu. ....	\$ .35
1 bu. ....	.50
1 1/2 bu. ....	.80
5 bu. ....	2.25

\*"100 lb. size" pack-  
ed only for Vetch  
and Peas.

Garden NITRAGIN  
for Peas, Beans,  
Sweet Peas  
and Lupines

Can be used on  
any amount of  
seed, up to 8 lbs.  
Price 25c

ALWAYS THE LARGEST—and most widely distributed inoculator in the U. S. A.

# Ready Reference Table -- Planting Information

VARIETY	When to Plant	Quantity for 100 Feet	Quantity for an Acre	Distance Between Rows	Distance Apart in the Row	Depth to Plant
ASPARAGUS SEED	February, March	2 oz.	2 to 3 lbs.	18 to 24 ins.	6 to 12 ins.	1 in.
ASPARAGUS ROOTS	Feb., Mar.—Nov.	100 plants	10 to 12 m.	3 to 4 ft.	12 to 18 ins.	5 ins.
BEANS, BUSH SNAP	April, May—July, Aug.	1 pt.	60 lbs.	2 to 3 ft.	3 to 4 ins.	1 in.
BEANS, POLE	April, May—July, Aug.	$\frac{1}{2}$ to $\frac{3}{4}$ lbs.	15 to 20 lbs.	3 to 4 ft.	$1\frac{1}{2}$ to 2 ft.	1 in.
BEANS, BUSH LIMA	April, May—July, Aug.	1 to $1\frac{1}{2}$ lbs.	30 to 40 lbs.	2 to 3 ft.	6 to 12 ins.	1 in.
BEETS, GARDEN	March, Apr.—July, Aug.	2 ozs.	6 to 8 lbs.	2 to $2\frac{1}{2}$ ft.	3 to 4 ins.	1 in.
BROCCOLI	March, Apr.—July, Aug.	2 pkts.	$\frac{1}{4}$ to $\frac{1}{2}$ lb.	$2\frac{1}{2}$ to 3 ft.	15 to 18 ins.	$\frac{1}{2}$ in.
BRUSSELS SPROUTS	March, Apr.—July, Aug.	2 pkts.	$\frac{1}{4}$ to $\frac{1}{2}$ lb.	$2\frac{1}{2}$ to 3 ft.	15 to 18 ins.	$\frac{1}{2}$ in.
CABBAGE	February to October	2 pkts.	$\frac{1}{4}$ to $\frac{1}{2}$ lb.	$2\frac{1}{2}$ to 3 ft.	18 to 24 ins.	$\frac{1}{2}$ in.
CAULIFLOWER	Feb., Mar.—July, Aug.	2 pkts.	$\frac{1}{4}$ lb.	$2\frac{1}{2}$ to 3 ft.	18 to 24 ins.	$\frac{1}{2}$ in.
CARROT	February to September	1 oz.	4 to 5 lbs.	2 to 3 ft.	3 to 4 ins.	$\frac{1}{2}$ in.
CELERY	February, March	2 pkts.	$\frac{1}{4}$ to $\frac{1}{2}$ lb.	$2\frac{1}{2}$ to 3 ft.	4 to 5 ins.	$\frac{1}{4}$ in.
COLLARDS	Spring to Fall	1 oz.	$\frac{1}{2}$ to $\frac{3}{4}$ lb.	$2\frac{1}{2}$ to 3 ft.	12 to 18 ins.	$\frac{1}{2}$ in.
CORN, GARDEN	March to August	$\frac{1}{2}$ lb.	10 to 12 lbs.	$3\frac{1}{2}$ to 4 ft.	18 to 24 ins.	2 ins.
CUCUMBER	April to August	1 oz.	2 to $2\frac{1}{2}$ lbs.	4 to 5 ft.	4 to 5 ft.	1 in.
DANDELION	April to September	2 pkts.	1 lb.	3 to $3\frac{1}{2}$ ft.	12 to 18 ins.	$\frac{1}{4}$ in.
EGGPLANT	March to July	2 pkts.	$\frac{1}{2}$ lb.	3 to $3\frac{1}{2}$ ft.	2 to 3 ft.	$\frac{1}{4}$ in.
ENDIVE	March to August	2 pkts.	1 lb.	2 to 3 ft.	12 to 15 ins.	$\frac{1}{2}$ in.
KALE	Spring to Fall	1 oz.	2 to 3 lbs.	2 to 3 ft.	6 to 8 ins.	$\frac{1}{2}$ in.
KOHLRABI	March to September	1 oz.	1 lb.	2 to 3 ft.	5 to 6 ins.	$\frac{1}{2}$ in.
LETTUCE	February to September	1 oz.	2 lbs.	24 to 30 ins.	6 to 12 ins.	$\frac{1}{4}$ in.
LEEK	March to September	1 oz.	2 lbs.	12 to 24 ins.	4 to 6 ins.	$\frac{1}{2}$ in.
MUSTARD	February to October	1 oz.	2 to 3 lbs.	2 to 3 ft.	3 to 4 ins.	$\frac{1}{2}$ in.
MUSKMELON	April to August	1 oz.	2 lbs.	4 to 6 ft.	4 to 6 ft.	$\frac{3}{4}$ to 1 in.
OKRA	April to July	$\frac{1}{4}$ lb.	8 to 10 lbs.	3 to 4 ft.	12 to 18 ins.	1 in.
ONION SEED	February to September	1 oz.	2 to 3 lbs.	24 to 30 ins.	3 to 4 ins.	$\frac{1}{2}$ in.
ONION SETS	February to October	1 qt.	8 to 10 bus.	24 to 30 ins.	3 to 4 ins.	1 in.
ONION PLANTS	March to June	300 plants	32 m.	24 to 30 ins.	3 to 4 ins.	
PARSLEY	February to September	1 oz.	5 to 6 lbs.	18 to 24 ins.	3 to 4 ins.	$\frac{1}{2}$ in.
PARSNIP	February to August	4 ozs.	5 to 6 lbs.	18 to 24 ins.	4 to 6 ins.	$\frac{1}{2}$ in.
PEPPER	March to July	2 pkts.	$\frac{1}{4}$ lb.	2 to 3 ft.	18 to 24 ins.	$\frac{1}{4}$ in.
PEAS, GARDEN	February to August	1 lb.	60 to 75 lbs.	$2\frac{1}{2}$ to 3 ft.	3 to 4 ins.	1 in.
PUMPKIN	April to July	1 oz.	2 to 3 lbs.	8 to 10 ft.	8 to 10 ft.	1 in.
RADISH	February to October	2 ozs.	8 to 10 lbs.	18 to 24 ins.	1 to 2 ins.	$\frac{1}{2}$ in.
RUTABAGA	March to October	1 oz.	2 to 3 lbs.	18 to 24 ins.	4 to 6 ins.	$\frac{1}{2}$ in.
SALSIFY	March to July	2 ozs.	6 to 8 lbs.	18 to 24 ins.	3 to 4 ins.	$\frac{1}{2}$ in.
SPINACH	January to October	2 ozs.	8 to 10 lbs.	2 to 3 ft.	1 to 2 ins.	1 in.
SQUASH	April to August	1 oz.	2 to 3 lbs.	3 to 4 ft.	3 to 4 ft.	1 in.
TOMATO	February to July	1 pkt.	$\frac{1}{4}$ lb.	4 to 5 ft.	3 to 4 ft.	$\frac{1}{4}$ in.
TURNIP	February to October	1 oz.	2 to 3 lbs.	2 to $2\frac{1}{2}$ ft.	2 to 3 ins.	$\frac{1}{2}$ in.
TOMATO PLANTS	April to July	24-36	3 to 4 m.	4 to 5 ft.	3 to 4 ft.	
WATERMELON	April to July	1 oz.	2 to 3 lbs.	8 to 10 ft.	8 to 10 ft.	1 in.

## What and When to Plant

**JANUARY**—Sow in hotbeds: Cabbage, Lettuce, Beets, Onion, Tomato and Cauliflower.

Sow outdoors the latter part of the month: Turnips, Mustard, Spinach, and English Peas.

**FEBRUARY**—Sow outdoors: Radish, Turnip, Mustard, Spinach, Onion Seed, and English Peas. Set out Onion Sets and Onion Plants. Sow Sweet Peas.

Sow in hotbeds: Cabbage, Beet, Tomato, Eggplant, Kohlrabi, Lettuce, and Pepper.

Set out frost-proof Cabbage Plants. Sow Lawn Grass. Sow Oats, Canada Field Peas, Red Top, Orchard Grass and Lawn Seed. Set out Grape Vines and Fruit Trees. Spray fruit trees now.

**MARCH**—This is the month to begin general garden operations. Sow outdoors: Cabbage, Lettuce, Carrot, Beets, Parsley, Parsnips, Leek, Onion Seeds, Salsify, Spinach, English Peas.

Plant Onion Sets and Irish Potatoes. Sow Sweet Peas. Plant Early Corn. Set frost-proof Cabbage Plants, Onion Plants, Cauliflower and Lettuce plants, Asparagus, Horseradish and Rhubarb roots.

Sow farm seeds: Clover, Grasses, Oats, Alfalfa, Lawn Grass, Rape, and Lespedeza.

Set out fruit trees of all kinds, Strawberry, Raspberry and Blackberry plants. Continue to spray trees.

**APRIL**—Sow now, out-of-doors, Beets, Bush, Pole Beans, Carrots, Cress, Celery, Cucumber, Endive, Leek, Lettuce, Mustard, Okra, Parsley, Parsnip, Kohlrabi, Herbs, Peas, Radish, Swiss Chard, Squash, Tomato, and Turnip. Set out Onion Sets; plant Potatoes and Corn. Set out Cabbage, Beet, Onion and Lettuce plants.

Sow all kinds of Flower Seeds and plant Spring Bulbs.

Sow Rape, Clovers, Alfalfa, Millet, Sorghum, Kaffir Corn, Lespedeza, Sudan, Orchard and Herd's Grass. Plant Cotton, Corn, Artichokes, Crotalaria.

Continue your spray work on Fruit Trees.

**MAY**—Plant Bush, Pole, Lima Beans, Beets, Cabbage, Carrot, Corn, Cucumber, Cantaloupe, Endive, Eggplant, Lettuce, Mustard, Okra, Pepper, Parsley, Parsnips, Peas, Pumpkin, Squash, Swiss Chard, Spinach, Tomato.

Sow Flower Seeds of all kinds; also put out Flower Bulbs; set out Cabbage, Tomato, Pepper, Eggplant and Sweet Potato slips. Sow Millet, Sorghum, Sudan, Bermuda Grass, Cow Peas, Chufas, Peanuts; plant Field Corn and Popcorn, Soy, Velvet Beans, Cotton, Kaffir Corn, Milo Maize, Sagrain.

**THE RIGHT TIME** for sowing all seeds as we give them in the different months, should naturally be governed by the conditions of the weather and the soil.

**JUNE**—As you get space in your garden, plant Corn, Cucumbers, Cantaloupes, Collards, Pumpkin, Okra, Squash, Watermelon, Swiss Chard, Salsify, Carrots, Savoy Cabbage, and late Beets. Set out Tomato, Eggplant, Pepper and Sweet Potato plants. Sow a later crop of Bush, Lima and Pole Beans. Sow Tomato seed to set out later for Fall Crop.

In the field, sow Stock Peas, Soy Beans, Buckwheat, Broom Corn, Sorghum, Velvet Beans, Sudan, Bermuda Grass, Millet, Mexican June Corn and Sagrain.

**July**—Plant for late crops Corn, Cucumbers, Carrots, Savoy Cabbage, Collards, Tomato Seed, Bush, Pole and Lima Beans, Okra, Squash, Potatoes, Pumpkin, Rutabaga and Turnips.

Sow in the field: Cow Peas, Millet, Sorghum, Soy Beans, Sagrain, Sudan Grass, Mexican June Corn, Buckwheat.

**AUGUST**—Begin to plant now your Fall Garden. If weather is favorable, sow Turnips, Kale, Radish, Rutabagas, Collards, Mustard, Beet, Bush and Pole Beans, Lettuce, Cucumbers, Squash; plant Potatoes for late crop.

Sow Crimson and Burr Clover, Vetch and Rye. Millet sown this month will make a crop of Hay.

**SEPTEMBER**—Get busy on your Fall Garden. Sow Turnips, Rutabagas, Kale, Mustard, Swiss Chard, Spinaoh, Lettuce, Endive, Radish, Onion Seed. Set out Shallots and Onion Sets. Sow Crimson, Burr, Alfalfa, Red Clover, Grass Seeds, Vetch, Austrian Winter Peas, Rye, Barley, Winter Oats and Rape.

**OCTOBER**—Sow Spinach, Kale, Seven Top Turnips, Mustard. Set out Onion Sets, Shallots.

Sow Rye, Barley, Winter Oats, Wheat, Vetch, Austrian Winter Peas, Rape, Alfalfa, Red Clover, and all Grass Seeds, including Winter Lawn Grass Seed.

**NOVEMBER**—Set out Onion Sets and Shallots. Sow Winter Oats, Rye, Barley and Wheat, Winter Lawn and other Grass Seeds. Set out all kinds of Fruit Trees, Strawberry plants, Asparagus roots. Plant outside Hyacinths, Tulips, Crocus and Narcissus bulbs.

**DECEMBER**—Get your hotbed ready and sow Cabbage, Lettuce, Beet and Cauliflower seed for Spring use.

Continue to plant Dutch bulbs. Set out Fruit Trees and Shade Trees. Spray fruit trees and grape vines this month.

# RUSSELL-HECKLE'S TOP NOTCH SEEDS

We list in the following pages most desirable varieties of Garden and Flower Seed. Our personal selections backed by many years of experience in this territory gives you ample opportunity to select just what you like, which is not the case where selections are limited to over a few kinds.

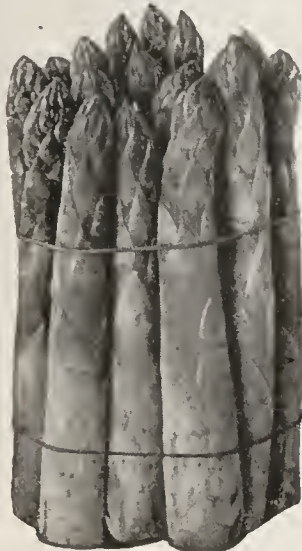
## Artichokes

(JERUSALEM)

When properly prepared, Artichoke tubers make an excellent dish for home use, either cooked or pickled. They are also largely used for hogs.

Plant in March or April, 2 inches deep; have rows 4 feet apart, and drop the cut pieces 15 to 18 inches apart in the rows. Any fairly fertile soil will produce 300 bushels to the acre. Three bushels of Artichoke tubers will plant one acre.

Price: qt., 25c, postpaid. Not prepaid, qt., 15c; Quantity price on Green Ink List.



Mary Washington.

## Asparagus

**Culture**—Sow outdoors in February and March, also in November, in 18-inch rows, dropping two seeds every 6 inches, cover seeds 1 inch. One ounce will sow 50 feet of row and produce two hundred plants.

**MARY WASHINGTON SEED.** The New Giant Rust-proof Asparagus. It grows very large and being rust-proof makes it a very valuable variety for both home use and market. Pkt., 5c; oz., 15c; ¼ lb., 35c; 1 lb., 90c, postpaid.

**MARY WASHINGTON ROOTS.** Asparagus Roots thrive best in soil exceptionally rich and mellow and supplied with a liberal amount of humus. A simple way to start the Asparagus bed is to plow furrows 7 inches deep and 3 to 4 feet apart, then set the plants in the trench, allowing 12 to 18 inches between them; spread the roots out well and cover with two inches of soil. After cultivation, gradually fill up the trench, burying the crowns of the plants to a depth of 6 inches.

Prices: Strong 2-year roots, postpaid, doz., 40c; 50, \$1.00; 100, \$1.80. Not prepaid, doz., 30c; 50, 75c; 100, \$1.50; 200, \$2.50, 500, \$6.00; 1,000, \$10.00.

## Broccoli

Similar to Cauliflower and is prepared for the table in the same way. The seed should be sown and cared for in the same way as cabbage or cauliflower.

**GREEN SPROUTING CALABRESE.** An all seasons variety that comes into use about ninety days after planting. It is much less susceptible to weather changes than cauliflower and will produce heads in hot weather which would cause failure in cauliflower. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., 85c, postpaid.

## Brussels Sprouts

(LONG ISLAND IMPROVED)

An erect growing plant whose stalk is closely covered with light green buds resembling small cabbages, which should be cooked in the same manner as cabbage or cauliflower. Seed may be sown early in April; later the plants may be set about 2 feet apart and cultivated like cabbage. Sow also in June for fall crop. Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 65c, postpaid.

## Shell and Soup Beans

These are grown to use as dried beans during the winter. Plant in June and July using 15 to 20 pounds to the acre. Plant in 4-foot rows and cultivate well. All of the following varieties grow in a semi-bush form. One pound drills 150 to 200 feet of row. Be sure to inoculate this crop.

**GREAT NORTHERN BEANS.** Beans slightly larger than the Navy Bean; snow white and of splendid cooking quality.

**WHITE NAVY BEANS.** One of the grandest beans for farm crop.

**RED KIDNEY BEANS.** The good old-fashioned cooking bean. Large size and of good flavor.

**DWARF HORTICULTURAL BEANS.** Both pods and seeds splashed with red when ripe. Excellent for baking.

**PINTO BEANS.** Fine cooking bean, bears heavily.

Price any of above 5 varieties of Shell or Soup Beans uniform as follows: postpaid, 1 lb., 28c; 2 lbs., 45c. Not prepaid, 1 lb., 20c; 2 lbs., 35c.



## Bush or Snap Beans

**Culture**—These can be planted any time from April 1st to September 1st. Sow 3 inches apart in rows, and have the rows 2½ feet apart. One quart will sow 200 feet of row.

All of our Beans are carefully grown and will please the most critical market gardeners. It will also pay you to inoculate Beans with Nitragin or Humogerm and fertilize with sheep manure. Dust when in blossom with Slug Shot for Mexican Bean Beetles or with Magnesium Arsenate.

## Dwarf Wax-Pod or Yellow Varieties

**CURRIE'S RUST-PROOF WAX.** Pods light yellow, similar in shape to Golden Wax. Five and one-half to six inches.

**SURE CROP WAX.** A recent introduction similar to Currie's Rust-Proof. Pods are longer, thicker through and entirely stringless.

**DAVIS WHITE KIDNEY WAX.** This is a well known market sort. The pods are long, about six inches, sometimes longer. Handsome, light yellow, straight, and are crisp and tender.

**IMPROVED GOLDEN WAX.** One of the most popular of the wax varieties. Edible in about 42 days after planting.

**PROLIFIC BLACK WAX.** Very early and productive, pods large and round, five to six inches long, strictly stringless, very brittle and of excellent quality.

**PENCIL POD WAX.** Very early and productive and absolutely stringless.

Price on any of above Dwarf Wax Podded Beans uniform as follows: Postpaid, ½ lb., 20c; 1 lb., 33c; 2 lbs., 50c. Not prepaid, ½ lb., 15c; 1 lb., 25c; 2 lbs., 40c.



Pencil Pod Wax.

# Bush or Snap Beans

## Dwarf Green Podded Varieties

**BURPEE'S STRINGLESS GREEN-POD.** This variety is a favorite with a large number of truckers and gardeners in the South, and is also grown for canning purposes. The pods are medium green, five to six inches long, cylindrical, and are quite fleshy, absolutely stringless and ready for picking in 42 days after planting. **Price, postpaid, ½ lb., 15c; 1 lb., 28c; 2 lbs., 45c. Not prepaid, ½ lb., 10c; 1 lb., 20c; 2 lbs., 35c.**

**GIANT STRINGLESS GREEN-POD.** This is a very desirable green-podded variety for the home garden and also for truckers. The handsome round pods are six to seven inches long, dark green in color, brittle and perfectly stringless. **Price, postpaid, ½ lb., 15c; 1 lb., 28c; 2 lbs., 45c. Not prepaid, ½ lb., 10c; 1 lb., 20c; 2 lbs., 35c.**

**IMPROVED RED VALENTINE.** This is another variety that is planted largely by truckers and gardeners. The pods are of medium length, about five inches long, medium green color, curved, cylindrical and very crisp and tender. Ready for picking in 44 days after planting. **Price, postpaid, ½ lb., 15c; 1 lb., 28c; 2 lbs., 45c. Not prepaid, ½ lb., 10c; 1 lb., 20c; 2 lbs., 35c.**

**TENNESSEE GREEN-POD.** This is a very hardy bean and a good yielder of large, very flat pods, six to seven inches long, dark green color and excellent flavor. This variety is planted very extensively in the South, and bears in about 43 days. **Price, postpaid, ½ lb., 20c; 1 lb., 33c; 2 lbs., 50c. Not prepaid, ½ lb., 15c; 1 lb., 25c; 2 lbs., 40c.**

**STRINGLESS BLACK VALENTINE.** For years the Black Valentine has been recognized as one of the finest flavored Beans in existence. Its one drawback has been "strings," but now after years of patient work our growers have developed a strain that is absolutely stringless. Pods are long, straight, absolutely stringless, and of excellent flavor. **Price, postpaid, ½ lb., 20c; 1 lb., 33c; 2 lbs., 55c. Not prepaid, ½ lb., 15c; 1 lb., 25c; 2 lbs., 45c.**

### To Control the Mexican Bean Beetle

Use Magnesium Arsenate. It is effective and will not burn the foliage. **Dust Form, 1 lb., can, 25c; 4 lb. pkgs., 75c. Spray Form, 2 lb. pkgs., 50c. Not mailable.**



Giant Stringless Green-Pod.



Stringless Black Valentine.

## Bush Lima Beans

**HENDERSON BUSH LIMA.** The "Baby Lima" Ready in 60 days. Early, hardy vines produce pods 3 inches long containing 3 or 4 Beans. **Price postpaid, ½ lb., 15c; 1 lb., 28c; 2 lbs., 45c. Not prepaid, ½ lb., 10c; 1 lb., 20c; 2 lbs., 35c.**

## Standard Bush Lima Beans

**BURPEE'S IMPROVED BUSH LIMA.**  
**DREER'S BUSH LIMA.**  
**WOOD'S PROLIFIC BUSH LIMA.**  
**FORDHOOK BUSH LIMA.**  
**NEVER FAIL BUSH LIMA.**

**Postpaid, ½ lb., 20c; 1 lb., 38c; 2 lbs., 60c. Not prepaid, ½ lb., 15c; 1 lb., 30c; 2 lbs., 50c.**

Wholesale prices on Garden Beans are quoted on our Green Ink List enclosed.

## Standard Bush Garden Beans

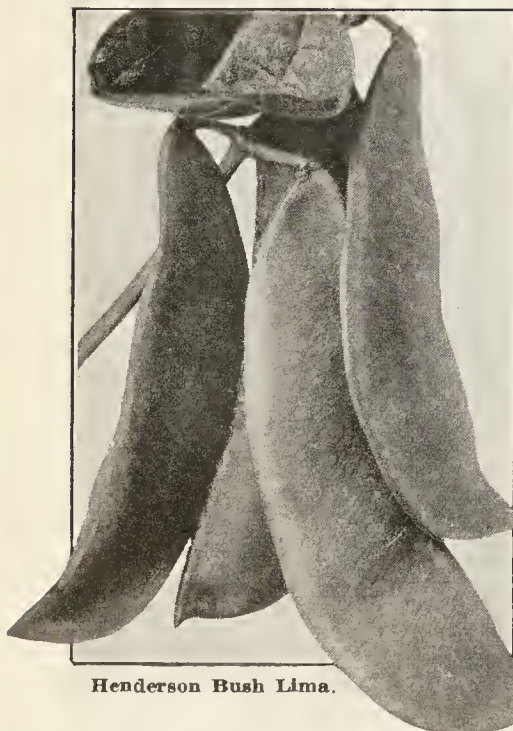
**BLACK VALENTINE.** Very long, slender pods, dark green in color. Suited for both early and late planting. Excellent quality, very tender when picked young. **Price postpaid, ½ lb., 15c; 1 lb., 28c; 2 lbs., 45c. Not prepaid, ½ lb., 10c; 1 lb., 20c; 2 lbs., 35c.**

**BOUNTIFUL.** **Price postpaid, ½ lb., 20c; 1 lb., 33c; 2 lbs., 50c. Not prepaid, ½ lb., 15c; 1 lb., 25c; 2 lbs., 40c.**

**FULL MEASURE.** **Price postpaid, ½ lb., 20c; 1 lb., 33c; 2 lbs., 55c. Not prepaid, ½ lb., 15c; 1 lb., 25c; 2 lbs., 45c.**

**LONGFELLOW.** **Price postpaid, ½ lb., 20c; 1 lb., 33c; 2 lbs., 55c. Not prepaid, ½ lb., 15c; 1 lb., 25c; 2 lbs., 45c.**

**TENDER GREEN STRINGLESS.** **Price postpaid, ½ lb., 20c; 1 lb., 33c; 2 lbs., 50c. Not prepaid, ½ lb., 15c; 1 lb., 25c; 2 lbs., 40c.**



Henderson Bush Lima.

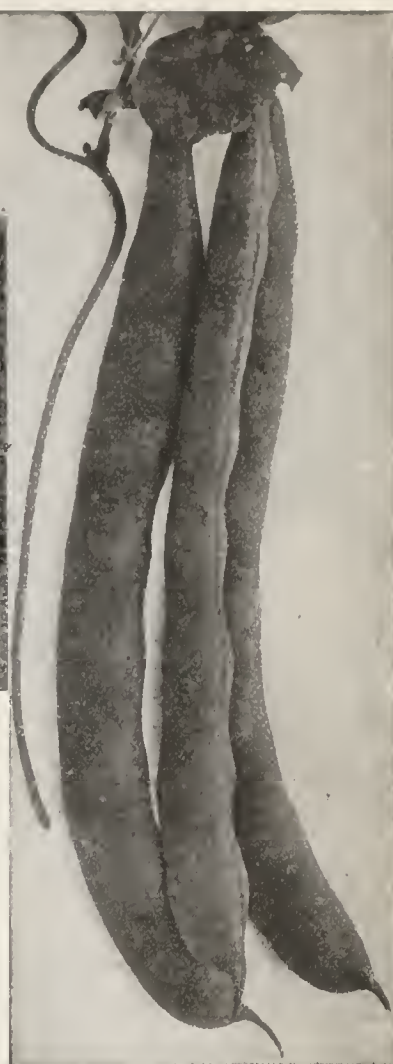
## FREE With Orders

1935 CALENDAR AND ALMANAC

Useful in many ways. Gives weather predictions for the next 12 months, with other information.

With first order we will mail you a copy of our 1935 Almanac Calendar.

Don't fail to ask for a copy when sending your order.



Kentucky Wonder.

## Pole or Running Beans



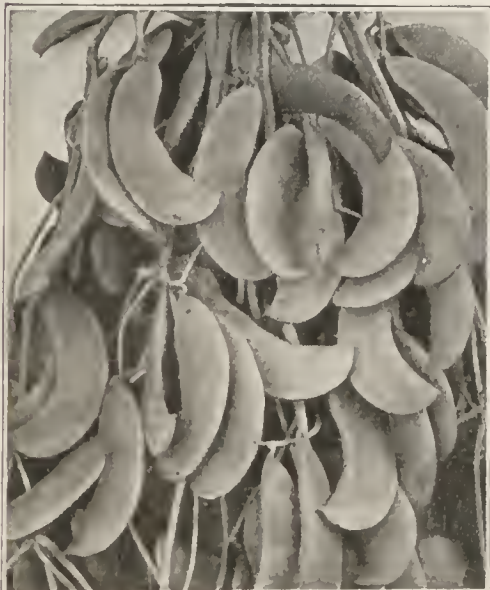
**Culture**—Plant in May and June in rows four feet each way; five in a hill. Pole beans can be planted as late as August 1st and they will bear a good crop. They can be planted in corn as well as with poles. One quart will plant about 200 hills. One peck will plant an acre.

**KENTUCKY WONDER** or **OLD HOMESTEAD**. It is almost needless to say anything about this great Pole Bean, for who has not grown it? It bears in 65 days from planting. The beans are 6 to 12 inches long, tender and rich. Price postpaid,  $\frac{1}{2}$  lb., 20c; 1 lb., 30c; 2 lbs., 50c. Not prepaid,  $\frac{1}{2}$  lb., 15c; 1 lb., 25c; 2 lbs., 40c.

**SCOTIA** or **STRIPED CORNFIELD**. This is the real Cornfield Bean that you have read so much about. If you want a bean to plant in your corn, this is your one choice. It will produce the kind of results that you'll expect. Price postpaid,  $\frac{1}{2}$  lb., 20c; 1 lb., 33c; 2 lbs., 55c. Not prepaid,  $\frac{1}{2}$  lb., 15c; 1 lb., 25c; 2 lbs., 45c.

**MCCASLAN POLE BEAN**. Pods average 8 to 10 inches in length, are flat, slightly curved and of a rich green color. Makes an excellent snap bean, and the white-shelled beans are unsurpassed for winter use. Price postpaid,  $\frac{1}{2}$  lb., 20c; 1 lb., 33c; 2 lbs., 55c. Not prepaid,  $\frac{1}{2}$  lb., 15c; 1 lb., 25c; 2 lbs., 45c.

**TENNESSEE WONDER**. Long round pods; excellent for snaps as well as for dry shell beans. Price postpaid,  $\frac{1}{2}$  lb., 20c; 1 lb., 33c; 2 lbs., 55c. Not prepaid,  $\frac{1}{2}$  lb., 15c; 1 lb., 25c; 2 lbs., 45c.



Carolina Sieva Pole Butter.

ASPARAGUS  
YARD LONG  
BEANS

Postpaid, pkt., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., 50c. Not prepaid, pkt., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 40c.

## Standard Pole Beans

**WHITE SEEDED KENTUCKY WONDER.**

**LAZY WIFE POLE.**

**IDEAL BLACK POLE.**

**RED SPECKLED CUT SHORT. WHITE CREASEBACK.**

**KENTUCKY WONDER WAX. GOLDEN CLUSTER WAX.**

**OREGON GIANT STRINGLESS.**

Prices postpaid,  $\frac{1}{2}$  lb., 20c; 1 lb., 33c; 2 lbs., 60c. Not prepaid,  $\frac{1}{2}$  lb., 15c; 1 lb., 25c; 2 lbs., 50c.

## Pole Butter and Lima Beans



**Culture**—Plant in hills three to four feet apart each way, and two inches deep, allowing six seeds to each hill. When the plants are well established they should be thinned out to four. They are more sensitive to cold than Bush Beans and should

not be planted before May. They can be planted as late as July 15th.

**CAROLINA SIEVA**. This reliable small seeded Pole Lima is especially adapted for planting in the South. The pods are dark green, short, about three inches, curved, flat. Seed small, flat, white with slight tinge of yellow. It is the most generally known Butter Bean of the South. Price postpaid,  $\frac{1}{2}$  lb., 20c; 1 lb., 30c; 2 lbs., 50c. Not prepaid,  $\frac{1}{2}$  lb., 15c; 1 lb., 25c; 2 lbs., 40c.

**FLORIDA** or **SPECKLED CALICO BUTTER**. The best variety for bearing the whole season. It will make an abundant crop when others fail. Seeds of the Carolina or Sieva Lima size but are speckled white and brownish red. Price postpaid,  $\frac{1}{2}$  lb., 20c; 1 lb., 30c; 2 lbs., 55c. Not prepaid,  $\frac{1}{2}$  lb., 15c; 1 lb., 25c; 2 lbs., 45c.

## Standard Pole Lima and Butter Beans

**KING OF THE GARDEN LIMA. LARGE WHITE LIMA.**

Prices on above 2 varieties uniform as follows: Postpaid,  $\frac{1}{2}$  lb., 20c; 1 lb., 35c; 2 lbs., 55c. Not prepaid,  $\frac{1}{2}$  lb., 15c; 1 lb., 30c; 2 lbs., 45c.

# Garden Beets

**Culture**—For very early crop, sow in hotbeds in January and February and transplant. Sow outside in drills from March to July, as desired, for medium, early or late crop. Drills two or three feet apart. Use a light, clean, free, deep soil. One ounce will sow 50 feet of drill.

**CROSBY'S EGYPTIAN.** Extremely early, deep red in color, almost black; flesh sweet, smooth, tender and of exceptionally fine quality; can be depended on for best results when grown either in the garden or under glass; highly recommended as an early market variety. **Postpaid, 5c; oz., 10c; 2 ozs., 20c; ¼ lb., 25c; 1 lb., 60c.**

**CRIMSON GLOBE.** A variety popular with gardeners all over the country because of its excellent color, shape and size. Deep globular, with little crown and a clean, small tap root. About 3 in. in diameter. Flesh deep crimson, ringed and zoned. Tender and of delicious flavor. **Postpaid, pkt., 5c; oz., 10c; 2 ozs., 20c; ¼ lb., 25c; 1 lb., 60c.**

**DETROIT DARK RED.** This splendid second early variety we highly recommend for market and private gardens. Roots globular, very smooth, with short tops; skin blood-red; flesh dark blood-red, sweet, tender and delicious. The tops are small and upright in growth. Fine for market bunching. **Postpaid, pkt., 5c; oz., 10c; 2 ozs., 20c; ¼ lb., 30c; 1 lb., 70c.**

**EARLY WONDER.** R. H. Co.'s Early Wonder Beet is the result of years of selection and improving, resulting, we believe, in the earliest and most handsome globe-shaped beet on the market. **Postpaid, pkt., 5c; oz., 10c; 2 ozs., 20c; ¼ lb., 25c; 1 lb., 60c.**

**EARLY BLOOD TURNIP.** A splendid variety, deep blood red skin, with rich red flesh, which is very tender and of excellent quality. **Postpaid, pkt., 5c; oz., 10c; 2 ozs., 20c; ¼ lb., 25c; 1 lb., 60c.**

## Standard Beets

All sold at uniform price, viz: **Postpaid, pkt., 5c; oz., 10c; 2 ozs., 20c; ¼ lb., 25c; 1 lb., 60c.**

**EDMANDS BLOOD TURNIP. LONG SMOOTH BLOOD. ECLIPSE BLOOD TURNIP.**

## Beet Plants

**CROSBY'S EGYPTIAN.** Ready about March 1st. **Postpaid, 100, 50c; 200, 85c; 500, \$1.75; 1000, \$2.85.** Not postpaid, 100, 35c; 200, 65c; 500, \$1.50; 1000, \$2.50.

## Stock Beets or Mangel Wurzels

**Culture**—Deep soil produces the largest crops. Sow in rows 18 inches to 2 feet apart, 1 inch deep, and when the plants are 3 to 4 inches high they should be thinned out 6 to 8 inches apart. Mangels make excellent feed for stock of all kinds.

**Prices of any of the following Stock Beets, postpaid, oz., 10c; 2 ozs., 15c; ¼ lb., 20c; ½ lb., 25c; 1 lb., 40c.**

**GIANT FEEDING SUGAR.** Desirable for stock feeding, affording not only a very large crop much easier to harvest than other sorts, but also having higher nutritive value, being especially rich in sugar.

**GOLDEN TANKARD MANGEL.** Yields enormous crops; very rich in sugar; skin and flesh deep orange-yellow; oblong in shape.

**MAMMOTH LONG RED MANGEL.** Grows to an enormous size in deep, rich soil; is an excellent keeper.

## Cauliflower

**Culture**—Cultivate like cabbage. Sow in January or February for early crop; May or June for late. One ounce of seed makes 2,000 plants.

**EARLY SNOWBALL.** Pkt., 10c; ¼ oz., 50c; ½ oz., 75c; 1 oz., \$1.25; ¼ lb., \$3.50, postpaid.

**DRY WEATHER.** Pkt., 10c; ¼ oz., 40c; ½ oz., 60c; 1 oz., \$1.00; ¼ lb., \$3.00, postpaid.

**EARLY SNOWDRIFT.** Pkt., 15c; ¼ oz., 50c; ½ oz., 75c; 1 oz., \$1.25; ¼ lb., \$2.25, postpaid.

## Cauliflower Plants

**EARLY SNOWBALL.** Ready about March 10th. **Postpaid, doz., 20c; 50, 60c; 100, \$1.25.** Not prepaid, doz., 15c; 50, 50c; 100, \$1.00.

Detroit Dark Red.



## Chinese Cabbage Pe-Tsai

Heads 8 to 10 in. tall; rather broad. Leaves tightly folded, blanching the interior, making it crisp, tender and of delicious quality. Gaining in popularity each year. For salad, slaw and greens. **Postpaid, pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 40c; 1 lb., 90c.**



# Cabbage

**Culture**—Cabbage is a very gross feeder, and well repays heavy manuring and high culture. It succeeds best on well-drained soil. The plants are started in frame or seed bed, and afterwards transplanted. Seed for early cabbages may be started in autumn in a cold frame, or in early spring in a hotbed. For main crop, summer and autumn cabbage, the seed should be sown in a rich border in the open air, in May or June. Sow shallow; a packet will produce about 250 plants; an ounce 2,000 plants; ¼ pound for an acre. Set plants 1½ by 3 feet apart.

**CHARLESTON LARGE WAKEFIELD.** The one big advantage of Charleston is the greater size, where large-sized Cabbage are wanted either for market or private use. It is fully one-third larger than the Jersey Wakefield and therefore more popular. Heads are solid, pointed and it is a heavy yielder. Postpaid, pkt., 5c; oz., 20c; 2 ozs., 35c; ¼ lb., 50c; ½ lb., 65c; 1 lb., \$1.00.



R. H. Co.'s Steadfast.

**R. H. CO'S STEADFAST.** This variety is a marvel for early maturing. Heads are round, solid and profitable for early market. No variety comes earlier. Postpaid, pkt., 10c; oz., 75c; 2 ozs., \$1.25; ¼ lb., \$2.00; ½ lb., \$3.75; 1 lb., \$7.00.

**EARLIEST OF ALL.** Very early, round head, a selection from Golden Acre type. Postpaid, pkt., 10c; oz., 50c; 2 ozs., 75c; ¼ lb., \$1.25; ½ lb., \$2.25; 1 lb., \$4.00.

**SUREHEAD.** Certain to head, drought resisting, one of the best keepers, flat heads. Will average 10 to 15 pounds. Postpaid, pkt., 5c; oz., 20c; 2 ozs., 30c; ¼ lb., 50c; ½ lb., 65c; 1 lb., \$1.00.

**GLORY OF ENKHUIZEN.** Excellent, medium early. Heads large, round, solid. One of the most uniform desirable varieties. Postpaid, pkt., 5c; oz., 25c; 2 ozs., 40c; ¼ lb., 50c; ½ lb., 75c; 1 lb., \$1.25.

**EARLY DWARF DUTCH.** A dependable second early variety. Makes a solid, firm head which will remain in good condition longer than most other sorts. Postpaid, pkt., 5c; oz., 20c; 2 ozs., 35c; ¼ lb., 50c; ½ lb., 65c; 1 lb., \$1.10.

## Standard Varieties of Cabbage

**LATE FLAT DUTCH.** **EARLY SUMMER.**  
**EARLY DRUMHEAD.** **SUCCESSION.**  
**LARGE DRUMHEAD.**

Postpaid, pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 40c; ½ lb., 60c; 1 lb., \$1.00.

## Frost-Proof Cabbage Plants

Varieties, **JERSEY WAKEFIELD, CHARLESTON WAKEFIELD, COPENHAGEN MARKET, GOLDEN ACRE** and **EARLY FLAT DUTCH.**

No order filled for less than 100 of a variety. We do not ship any plants C. O. D. Our terms are cash with order.

Prices: Parcel post paid, 100, 35c; 500, \$1.25; 1000, \$2.00. Not prepaid, by express from Memphis, 500, \$1.00; 1000, \$1.50.

Prices F. O. B. growing station, express collect: 1,000, \$1.25; 5,000, \$5.00.

Subject to crop conditions.



Charleston Large Wakefield.

**GOLDEN ACRE.** A very fine new Cabbage from Denmark. Golden Acre produces heads a week to ten days ahead of Copenhagen Market. The head is of medium size, quite round, and is surrounded by a few small outer leaves. **Price Genuine Long Island Grown Seed:** Postpaid, pkt., 5c; oz., 25c; 2 ozs., 40c; ¼ lb., 60c; ½ lb., 75c; 1 lb., \$1.25.

**EARLY JERSEY WAKEFIELD.** In size, medium; in shape, pyramidal with pointed peak. Its uncommonly fine heading qualities, together with its fitness for wintering in cold frames, pleases the most critical gardeners. Postpaid, pkt., 5c; oz., 20c; 2 ozs., 35c; ¼ lb., 50c; ½ lb., 65c; 1 lb., \$1.00.

**COPENHAGEN MARKET.** One of the earliest round head or flat Cabbages. Almost as quick maturing as Charleston Wakefield. Postpaid, pkt., 5c; oz., 25c; 2 ozs., 35c; ¼ lb., 50c; ½ lb., 70c; 1 lb., \$1.10.

**ALL SEASONS.** A popular Cabbage for fall use, and a splendid keeper. Large, flattish round heads, unexcelled for kraut. Very thrifty in hot dry weather. Heads weigh about 10 lbs. Postpaid, pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 40c; ½ lb., 60c; 1 lb., \$1.00.

**LARGE DRUMHEAD SAVOY.** The best and largest heading of the Savoy. Few people seem to know the delicious flavor of Savoy Cabbage. It is far superior to the flat-leaved sorts, and as tender as cauliflower after frost. Postpaid, pkt., 5c; oz., 25c; 2 ozs., 35c; ¼ lb., 50c; ½ lb., 70c; 1 lb., \$1.10.

**MAMMOTH RED ROCK.** The largest and hardest heading red Cabbage in cultivation. Postpaid, pkt., 5c; oz., 25c; 2 ozs., 40c; ¼ lb., 60c; ½ lb., 80c; 1 lb., \$1.50.



Copenhagen Market.

PRICES ON LARGE QUANTITIES QUOTED ON OUR GREEN INK LIST.

Imperator  
Carrot.

## Celery

**Culture**—Sow in beds in February or March and keep well watered. Transplant to moist, mucky soil; six inches apart.

We can supply the following standard varieties of Celery:

**GIANT PASCAL.**

**GOLDEN SELF BLANCHING.**

**WHITE PLUME.**

**CELERIAC SMOOTH PRAGUE.**

Prices on above four varieties uniform as follows: Postpaid, pkt., 5c; oz., 25c; 2 ozs., 40c; ¼ lb., 65c; ½ lb., \$1.00; 1 lb., \$1.75.

## Celery Plants

Varieties: **GIANT PASCAL**; **WHITE PLUME**. Ready about April 1st. Price, postpaid, 25, 25c; 50, 40c; 100, 65c. Not postpaid, 25, 15c; 50, 30c; 100, 50c.

## Cucumbers

**Culture**—For very early crop, plant in hot-beds; for later crop, plant from April to July in rich, well-manured hills, 4 feet apart, 10 seeds in hill; thin to two or three plants. One ounce to 50 hills.

**DAVIS PERFECT.** Their handsome shape and fine dark green color command the highest price on the market. Postpaid, pkt., 5c; oz., 20c; 2 ozs., 35c; ¼ lb., 60c; ½ lb., \$1.00; 1 lb., \$1.75.

**EARLY FORTUNE.** One of the best selections of the white spine type; is becoming very popular among the market men of the South. Postpaid, pkt., 5c; oz., 20c; 2 ozs., 35c; ¼ lb., 60c; ½ lb., \$1.00; 1 lb., \$1.75.

**IMPROVED LONG GREEN.** The fruits are very long and of beautiful dark green color. Postpaid, pkt., 5c; oz., 20c; 2 ozs., 35c; ¼ lb., 55c; ½ lb., 95c; 1 lb., \$1.50.

**IMPROVED EARLY WHITE SPINE.** An extra early, white spine strain. Fruit averages from 8 to 10 inches long. Postpaid, pkt., 5c; oz., 20c; 2 ozs., 35c; ¼ lb., 55c; ½ lb., 95c; 1 lb., \$1.50.

## Carrots

**Culture**—Sow from February to September in light, deep, rich soil in drills 12 inches apart; plants should stand five inches apart in the rows; fertilize well. One ounce of seed to 100 feet of drill; four pounds to the acre.

**DANVERS HALF LONG.** Rich, light orange color. Roots average 6 to 8 inches long, tapering to a blunt point. Productive and a good keeper. Postpaid, pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 40c; ½ lb., 60c; 1 lb., \$1.00.

**WINTER PERFECTION.** An elegant bunching carrot. Color orange-red. Flesh sweet, tender and of fine flavor. Postpaid, pkt., 10c; oz., 25c; 2 ozs., 40c; ¼ lb., 75c; ½ lb., \$1.25; 1 lb., \$2.00.

**HALF-LONG SCARLET CHANTENAY.** Slightly tapered blunt-rooted variety, the earliest of the large Carrots. Excellent for home gardens and early market. Postpaid, pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 40c; ½ lb., 60c; 1 lb., \$1.00.

**IMPERATOR CARROT.** Long cylindrical roots 1 to 1½ inches in diameter. Pure orange-scarlet in color with practically no core, sweet and tender. Postpaid, pkt., 5c; oz., 20c; 2 ozs., 35c; ¼ lb., 60c; ½ lb., 85c; 1 lb., \$1.45.



Southern Georgia Collards.

**EARLY GREEN CLUSTER.** Fruits of short, chunky form, light green color; desirable for pickling. Extra prolific, frequently setting in clusters of 2 and 3. Ready for use in about 50 days. Postpaid, pkt., 5c; oz., 20c; 2 ozs., 35c; ¼ lb., 60c; ½ lb., \$1.00; 1 lb., \$1.75.

**STAY GREEN.** 60 days. A splendid variety, 7 to 8 in. long, 2½ in. thick. Glossy dark green, white spined, cylindrical. Postpaid, pkt., 5c; oz., 20c; 2 ozs., 35c; ¼ lb., 60c; ½ lb., \$1.00; 1 lb., \$1.85.

**GHERKIN.** A very small oval prickly sort, distinct from all others. It is grown for pickles only and must be used when young. Postpaid, pkt., 5c; oz., 20c; 2 ozs., 35c; ¼ lb., 60c; ½ lb., \$1.00; 1 lb., \$1.75.

## Standard Cucumber Seed

**BLACK DIAMOND.**

**CHICAGO PICKLE.**

**LONGFELLOW.**

**EVERGREEN WHITE SPINE.**

**EVERBEARING.**

**JAPANESE CLIMBING.**

Pkt., 5c; oz., 20c; 2 ozs., 35c; ¼ lb., 60c; ½ lb., \$1.00; 1 lb., \$1.50, postpaid.

## Standard Carrots

**EARLY SCARLET HORN.**  
**IMPROVED LONG ORANGE.**  
**R. H. CO'S CORELESS.**  
**YELLOW BELGIAN.**  
**OXHEART.**

Postpaid, pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 40c; ½ lb., 60c; 1 lb., \$1.00.

## Collards

**Culture**—One ounce of seed will produce about 2,000 plants. Sow in spring or summer.

We can supply two standard varieties of Collards, viz—

**GEORGIA WHITE CABBAGE** and **SOUTHERN or GEORGIA.** Postpaid, pkt., 5c; oz., 10c; 2 ozs., 20c; ¼ lb., 25c; ½ lb., 35c; 1 lb., 60c.



Davis Perfect.

**DILL SEED.** The stems are fine for making Dill pickles, easily grown. Postpaid, pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 30c; ½ lb., 50c; 1 lb., 90c.

# Garden and Sweet Corn

**Culture**—For early market, plant the garden varieties latter part of March. Sugar Corn should not be planted until April, then at intervals of two weeks for a succession. Sugar and Garden Corns planted in July will mature late roasting ears. Plant 4 to 8 quarts to the acre. Treat seeds with Semesan, Jr.

**EARLY SURPRISE.** We offer the genuine stock of this splendid early roasting ear variety. Don't be misled. Be careful, plant the originator's Early Surprise Corn and get it right. Come to headquarters for your supply this season of this very distinct variety of early garden Corn. **Postpaid, pkt., 12c; ½ lb., 20c; 1 lb., 28c; 2 lbs., 40c. Not prepaid, pkt., 10c; ½ lb., 15c; 1 lb., 20c; 2 lbs., 30c.**

**R.-H. CO.'S BEATS ALL SUGAR CORN.** This variety was introduced by us two seasons ago and has proven to be undoubtedly the largest eared Early Sugar Corn in existence; the ears average 7 to 9 inches long, with 12 to 14 rows of the large sweet kernels. Stalk grows 6 to 7 feet tall, and each stalk will produce two good size ears. Every gardener should find space for this sugary, large size, early Sweet Corn. Makes roasting ears of quality in about 70 days. **Postpaid pkt., 12c; ½ lb., 20c; 1 lb., 30c; 2 lbs., 50c. Not prepaid, pkt., 10c; ½ lb., 15c; 1 lb., 25c; 2 lbs., 40c.**

**COUNTRY GENTLEMAN, OR SHOE PEG** is the finest and sweetest of all main crop Sweet Corns for the table. It can be identified easily by the irregular arrangement of the kernels on the cob, and when once used no other sort is quite good enough. The milky kernels are plump, pearly white and tender. A very heavy husk protects this Corn so that it retains its tenderness a surprisingly long time. Ears average 8 to 9 inches in length; cobs small and grain is very deep. **Postpaid, pkt., 12c; ½ lb., 20c; 1 lb., 35c; 2 lbs., 60c. Not prepaid, pkt., 10c; ½ lb., 15c; 1 lb., 30c; 2 lbs., 50c.**

**GOLDEN BANTAM.** Extra early, sweet, tender and delicious. The stalks grow to a height of four feet, and can be planted close together in the row. They bear two or three good small ears to the stalk. **Postpaid, pkt., 12c; ½ lb., 20c; 1 lb., 30c; 2 lbs., 55c. Not postpaid, pkt., 10c; ½ lb., 15c; 1 lb., 25c; 2 lbs., 45c.**

**WHIPPLE'S EARLY YELLOW.** An extra early yellow Sugar Corn. Larger than Golden Bantam. Stalks grow 5 to 6 feet, and many produce two large ears. Kernels bright yellow, tender, sweet and finest quality. Whipple's Early Yellow Sugar Corn is ready for the table in about seven weeks. **Postpaid, pkt., 12c; ½ lb., 20c; 1 lb., 30c; 2 lbs., 50c. Not prepaid, pkt., 10c; ½ lb., 15c; 1 lb., 25c; 2 lbs., 40c.**

**TUCKER'S FAVORITE.** For a second early corn to follow Adams Early, or for late planting to mature early, this is a good sort. **Postpaid, pkt., 12c; ½ lb., 20c; 1 lb., 25c; 2 lbs., 40c. Not prepaid, pkt., 10c; ½ lb., 15c; 1 lb., 20c; 2 lbs., 30c.**

## Standard Sweet Corn

Prices uniform as follows on varieties named below. **Postpaid pkt., 12c; ½ lb., 20c; 1 lb., 30c; 2 lbs., 50c. Not prepaid, pkt., 10c; ½ lb., 15c; 1 lb., 25c; 2 lbs., 40c.**

**LARGE EARLY ADAMS,  
EXTRA EARLY ADAMS.**

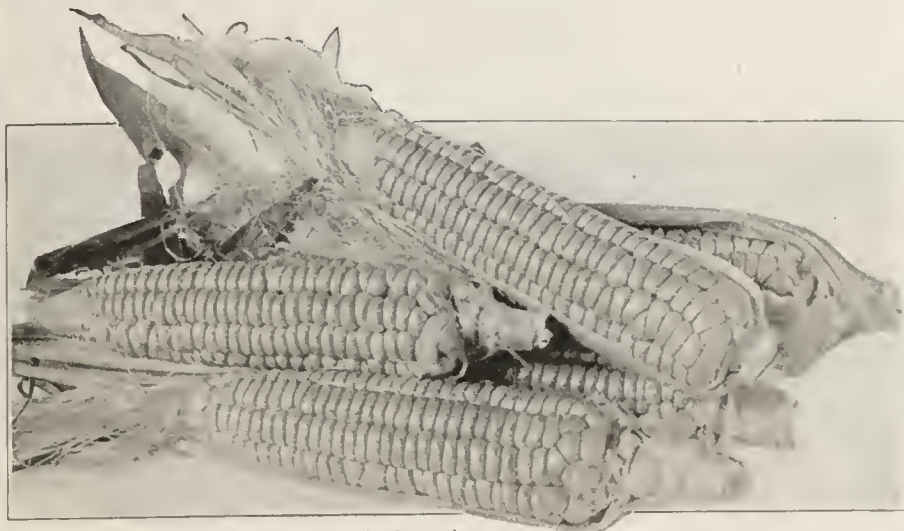
**EARLY SNOWFLAKE.  
IMPROVED ADAMS.**

## Standard Sugar Corn

Prices uniform as follows on the varieties mentioned below. **Postpaid, pkt., 12c; ½ lb., 20c; 1 lb., 35c; 2 lbs., 60c. Not prepaid, pkt., 10c; ½ lb., 15c; 1 lb., 30c; 2 lbs., 50c.**

**BORDENS WONDER BANTAM,  
HOWLING MOB.  
STOWELL'S EVERGREEN.**

**GOLDEN SUNSHINE.  
MAMMOTH SUGAR.**



Early Surprise.



R.-H. Co.'s Beats All Sugar Corn.

## Pop Corn

We can supply the following varieties prices uniform. **Postpaid, pkt., 12c; ½ lb., 20c; 1 lb., 35c; 2 lbs., 60c. Not prepaid, pkt., 10c; ½ lb., 15c; 1 lb., 30c; 2 lbs., 50c.**

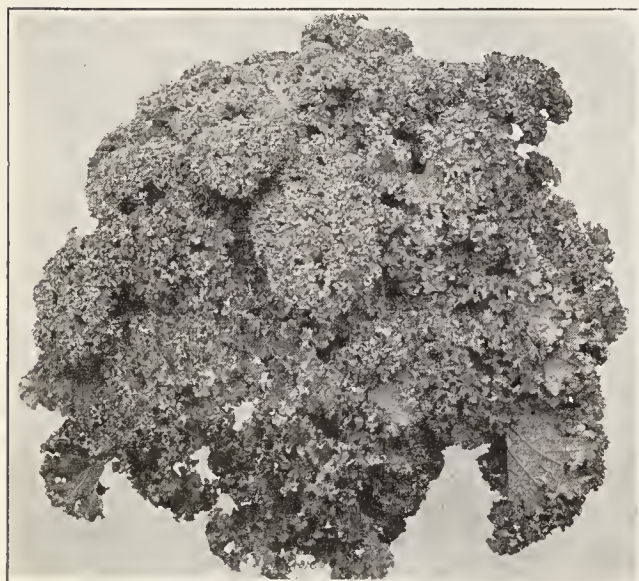
**WHITE RICE.  
CLARK'S IMPROVED BABY RICE.  
JAPANESE HULLESS RICE.  
SOUTH AMERICAN DYNAMITE YELLOW.**

**Treat Garden Corn With Semesan Jr.**

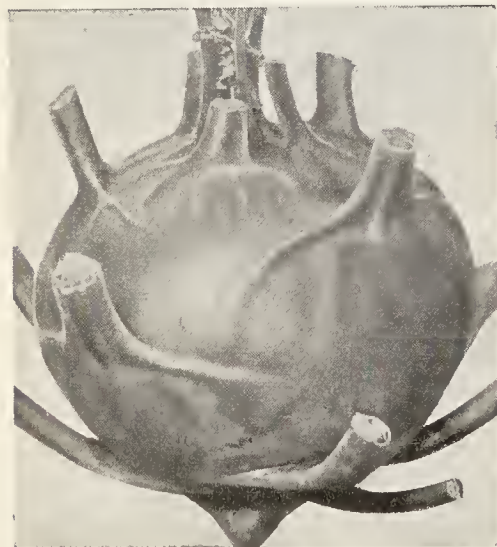
Permits earlier planting, gives better germination, better stands, therefore, larger yields. Ask for circular. 4-oz. pkg., treats 1 bushel, 50c; 1-lb. pkg., \$1.50.



Black Beauty Eggplant.



Dwarf Green Curled Siberian Kale.



Kohlrabi.

## Eggplant

**Culture**—Sow in February or March. When 2 inches high transplant in May to 3-foot rows in deep, rich loam. One ounce of seed will produce 1,000 plants.

**BLACK BEAUTY.** This is the earliest and best of all large-fruited Eggplants. Fruits are thick and of the most attractive form. The skin is a rich lustrous purplish black. Postpaid, pkt., 5c; ½ oz., 20c; oz., 35c; 2 ozs., 60c; ¼ lb., \$1.00; ½ lb., \$1.60; 1 lb., \$3.00.

**NEW YORK IMPROVED PURPLE.** The old standard variety. Postpaid, pkt., 5c; ½ oz., 20c; oz., 35c; 2 ozs., 60c; ¼ lb., \$1.00; ½ lb., \$1.60; 1 lb., \$3.00.

### EGGPLANT PLANTS.

**Variety: BLACK BEAUTY.** Ready about April 20th. Postpaid, doz., 30c; 25, 50c; 50, 75c; 100, \$1.20. Not prepaid, doz., 25c; 25, 40c; 50, 60c; 100, \$1.00.

## Endive

**Culture**—One ounce will sow 200 feet of drill. Sow about the middle of April, and for succession in June and July, 1 foot apart. When nearly full grown, and before they are fit for the table, they should be blanched by tying the leaves loosely together.

**LARGE GREEN CURLED.** The hardiest variety; beautifully curled. Postpaid, pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 50c; ½ lb., 75c; 1 lb., \$1.25.

**BROAD-LEAVED BATAVIAN.** (Escarolle). Leaves long and broad, thick and succulent. One of the choicest salads. Postpaid, pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 50c; ½ lb., 75c; 1 lb., \$1.25.

## Herb Seeds

### Prices Postpaid

	Pkt.	Oz.
<b>BASIL, Sweet</b> —For flavoring soups .....	.10	\$.50
<b>DILL, Mammoth</b> —Used for flavoring pickle .....	.05	.15
<b>FINOCCHIO, Italian Fennel.</b> Easily grown .....	.10	.15
<b>LAVENDER</b> —Used for its odor .....	.10	.60
<b>MARJORAM, Sweet</b> —Used in seasoning .....	.10	.50
<b>ROSEMARY</b> —For seasoning meats and soups .....	.10	.75
<b>SAVORY, Summer</b> —Used as a culinary herb .....	.10	.35
<b>SAGE, Broad Leaved</b> —A popular plant .....	.10	.40
<b>THYME, English</b> —Much used for seasoning .....	.10	.60

### Garlic

Plant in spring or fall in rows, cultivate and harvest same as onions. Postpaid, ¼ lb., 20c; ½ lb., 30c; 1 lb., 50c. Not postpaid, ¼ lb., 15c; ½ lb., 25c; 1 lb., 40c.

### Gourds

Plant in April, as soon as ground is warm. Prices postpaid.

<b>DIPPER GOURD</b> .....	Pkt., 5c; oz., 20c.
<b>DISH RAG GOURD</b> .....	Pkt., 5c; oz., 25c.
<b>JAPANESE EGG GOURD</b> .....	Pkt., 5c; oz., 20c.

### Horseradish Roots

Large, strong cuttings. Postpaid, doz., 35c; 50, \$1.10; 100, \$2.00. Not postpaid, doz., 30c; 50, \$1.00; 100, \$1.75.

### Kale

**Culture**—Sow from 2 to 3 pounds to the acre, 1 ounce to 200 feet of drill. Sow in March or September in drills or broadcast.

**DWARF GREEN CURLED SIBERIAN.** Leaves curled. The best variety for fall sowing. Stands all winter. Postpaid, pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 20c; ½ lb., 25c; 1 lb., 50c.

**DWARF GREEN CURLED SCOTCH.** Leaves very curly. Rich, green, tender and delicate in flavor. Postpaid, pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 25c; ½ lb., 35c; 1 lb., 60c.

**BLOOMSDALE EXTRA CURLED.** Light green, beautifully curled leaves. Postpaid, pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 35c; ½ lb., 50c; 1 lb., 75c.

**TALL GREEN CURLED SCOTCH.** A beautiful curled variety. Fine for spring planting. Postpaid, pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 35c; ½ lb., 50c; 1 lb., 75c.

### Kohlrabi

Sow in drills as early as the ground can be worked, thinning out to stand 5 to 6 inches in the row. For fall use, plant in August or early September.

**EARLY WHITE VIENNA.** This is the best and earliest variety for table use. Postpaid, pkt., 5c; oz., 20c; 2 ozs., 35c; ¼ lb., 60c; ½ lb., \$1.00; 1 lb., \$1.65.

### Leek

**LONDON FLAG.** Hardy, productive and of the best quality. Pkt., 5c; oz., 20c; 2 ozs., 35c; ¼ lb., 60c; ½ lb., \$1.00; 1 lb., \$1.75.

## Miscellaneous Seeds

Prices postpaid.	Pkt.	½ oz.	1 oz.	¼ lb.	1 lb.
<b>CARDON</b> .....	\$.10	\$.15	\$.25	\$.70	\$2.50
<b>CORN SALAD</b> .....	.05	.10	.15	.30	1.15
<b>CRESS, Curled</b> .....	.05	.10	.15	.30	.90
<b>CHICORY, Witloof</b> .....	.10	.15	.25	.40	1.25
<b>CHICORY, Madgeburg</b> .....	.10	.15	.25	.40	1.25
<b>CHIVES</b> .....	.10	.30	.50	1.25	4.25
<b>DANDELION</b> .....	.10	.25	.40	1.00	3.50
<b>DILL</b> .....	.05	.10	.15	.30	.90
<b>RHUBARB</b> .....	.10	.15	.25	.50	1.35
<b>TOBACCO, Havana</b> .....	.10	.25	.50	1.50	4.50
<b>TOBACCO, White Burley</b> .....	.10	.25	.50	1.50	4.50

New  
Iceberg.

## Lettuce

**Culture**—One ounce will produce 3,000 plants. For early use sow under glass in January or early February, and transplant as soon as the ground can be nicely worked. Sowing may be made in the open ground from April to middle of August, every 2 or 3 weeks for succession.

**BIG BOSTON.** Our strain is reselected, sure to head, and produces solid heads of large size, often 10 to 12 inches across, which are slow to go to seed. The leaves are thin, hard and crisp, comparatively smooth but wavy at the edges, and are of bright light green color, slightly tinged with reddish brown. The inner head blanches to an attractive greenish white. **Postpaid, pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 35c; ½ lb., 50c; 1 lb., 90c.**

**PRIZEHEAD.** Very popular, large, loose-heading sort. Leaves finely crumpled and fringed, outer ones shaded brown; very crisp, sweet and tender. **Postpaid, pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 35c; ½ lb., 55c; 1 lb., 95c.**

**NEW YORK WONDERFUL.** A large heading variety, frequently weighing 2 to 3 lbs. Outer leaves large and crumpled. Blanched heart, creamy, crisp, tender, free from bitterness. The most popular shipping lettuce grown in this country. **Postpaid, pkt., 5c; oz., 20c; 2 ozs., 30c; ¼ lb., 40c; ½ lb., 60c; 1 lb., \$1.00.**

**NEW ICEBERG.** A Winner for the Home Garden. A beautiful and easily grown Lettuce of the crisp-head type. One of the very best summer-growing varieties. The leaves are wavy with fringed edges, tinged at margins with brown. Makes a firm, hard head, with strong, incurving ribs, blanching the heart leaves to a creamy whiteness. The quality is very good, sweet and exceedingly crisp. It is ready for the table in 55 to 60 days. **Postpaid, pkt., 5c; oz., 20c; 2 ozs., 30c; ¼ lb., 40c; ½ lb., 60c; 1 lb., \$1.00.**

**BLACK SEEDED SIMPSON.** A popular curled or loose leaved variety. It is light green colored, with inner leaves almost white. Good for spring and early summer culture. Large growth, excellent quality. **Postpaid, pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 35c; ½ lb., 50c; 1 lb., 90c.**

**GRAND RAPIDS.** 45 days. Black seed. One of the most popular non-heading varieties. Curled, crisp, light green leaves are especially tender and sweet. Early, disease resistant. **Postpaid, pkt., 5c; oz., 20c; 2 ozs., 30c; ¼ lb., 40c; ½ lb., 50c; 1 lb., 95c.**



New York or Wonderful.

## Chicken Lettuce

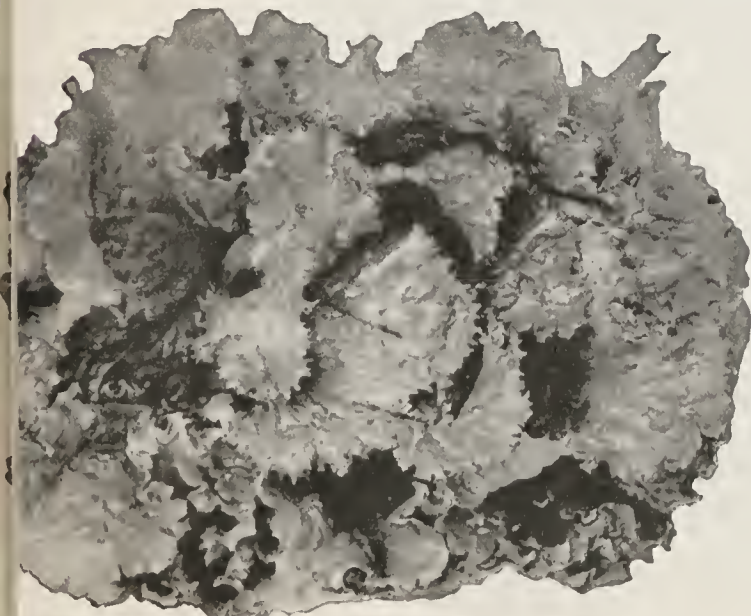
Your poultry needs "green" food and this variety of Lettuce is just the thing you will want to grow for this purpose. It is a genuine Lettuce which will yield as much or more chicken or rabbit feed than any plant you may have used for "greens." When once cut it starts to grow again and makes a successive crop. The largest plant of Lettuce in cultivation. **Postpaid, pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 40c; ½ lb., 60c; 1 lb., \$1.00.**

## Standard Varieties of Lettuce

<b>CALIFORNIA CREAM BUTTER.</b>	<b>COS or ROMAINE.</b>
<b>EARLY SIMPSON CURLED.</b>	<b>MIGNONETTE.</b>
<b>LARGE WHITE CABB HEAD.</b>	<b>IMPROVED HANSON.</b>
<b>Postpaid, pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 35c; ½ lb., 50c; 1 lb., 95c.</b>	

## Lettuce Plants

Varities: **BIG BOSTON** and **NEW YORK** or **WONDERFUL.** Ready about March 1st. **Postpaid, 50, 30c; 100, 45c; 200, 75c; 500, \$1.50. Not prepaid, 50, 20c; 100, 35c; 200, 60c; 500, \$1.25.**



Black Seeded Simpson.

# R.-H. Co.'s Watermelons

**CULTURE**—One ounce to forty hills; 3 or 4 pounds to the acre. Drop seed in well manured hills 6 to 8 feet apart, 6 to 10 seeds, one inch deep, and thin to three best plants. Generally about the middle of April is the proper time to plant melons in this section.

**R.-H. CO.'S GIANT TOM WATSON.** A special selection of the Watson Melon. The specimen shown at our Mid-South Fair weighed just 100 lbs. This long beautifully shaped fruit has all the good qualities of its parent and for size it requires a wheelbarrow to move. **Postpaid, Pkt., 10c; oz., 20c; 2 ozs., 35c; ¼ lb., 50c; ½ lb., 90c; 1 lb., \$1.50.**

**NEW WONDER.** A comparatively new variety, and one of the finest flavored melons in existence. It is very productive, growing a large crop of big, dark glossy green melons. The rind is rather thin, but satisfactory for short hauls to nearby markets. It will sell to good advantage in any market. Grows long and thick, the flesh a deep red, sweet and juicy. Matures in about 85 days. **Postpaid, pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 25c; ½ lb., 40c; 1 lb., 70c.**

**IRISH GRAY.** This melon has already become popular. The vine is very vigorous and holds up well. Its melons are similar in shape and size to Tom Watson. The rind is beautiful greenish gray, very attractive, thin but very tough, hence a good shipper; flesh red and free from stringiness. Well adapted for either market or home use. **Postpaid, pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 25c; ½ lb., 40c; 1 lb., 70c.**

**GEORGIA RATTLESNAKE.** One of the best known watermelons cultivated in the South. The fruits are very long, of a light green color, distinctly blotched and striped with a darker shade. The flesh is bright scarlet, fairly tender and sweet. **Postpaid, pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 25c; ½ lb., 35c; 1 lb., 60c.**

**EXCEL.** The Excel is a large, long green Melon, often weighing 50 to 60 pounds, flesh deep red and ripened well out to the rind. Color of rind deep green and occasionally deep green stripes. The meat is very sweet and free from hard centers. This wonderful Melon is favored by buyers, especially those demanding large sizes. **Postpaid, pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 40c; ½ lb., 60c; 1 lb., \$1.00.**

**SCHLOCHLER.** A Southern Melon of recent introduction; grows to very large size; one of the biggest Melons. They will average 40 lbs. each. The fruits is very dark green with an indistinct stripe and is very uniform in shape. Flesh bright red, sweet and crisp. The grower claims the Schlochler Melon will stand more drought than any other Melon and is a sure producer. **Postpaid, pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 35c; ½ lb., 60c; 1 lb., \$1.00.**

**DIXIE QUEEN.** This new variety is one of the best shipping watermelons, a real money maker on account of its heavy yielding qualities. Growers in southern Missouri and Arkansas are highly pleased with Dixie Queen as a profitable variety for market. In shape it is oval to long, rind rich green. Flesh deep red which is sweet, melting, tender, juicy and sparkling, entirely free from stringiness. In size Dixie Queen Melons will average 20 to 35 lbs. They have a thin rind, yet tough enough to make an ideal variety for shipping. **Postpaid, pkt., 15c; oz., 25c; 2 ozs., 45c; ¼ lb., 75c; ½ lb., \$1.25; 1 lb., \$2.00.**

## \$1.00 Buys \$1.25 WORTH

### SAVE IN YOUR SEED BUYING.

If your order for seeds in packets and ounces amounts to \$1.00, you can select 25c worth of packets and ounces extra, free of charge.

If your order is for more than \$1.00 in packets and ounces, you can have in addition one-fourth more in packets and ounces than the quantity you order at no cost for the extra quantity.

New Wonder.

Giant  
Tom Watson.

PRICES ON LARGE QUANTITIES QUOTED ON OUR GREEN INK LIST.

**R.-H. CO.'S MAMMOTH GIANT.** This is the big giant Watermelon displayed at our Mid-South Fair last fall. Many wondered at its immense size, 133 lbs. On good soil, this variety will produce melons weighing from 80 lbs. to over 100 lbs. The quality of the meat is very good, deep red and sweet. The melon proper is a big round shape with dark green rind and has black seeds. **Postpaid, pkt., 15c; oz., 40c; 2 ozs., 75c; ¼ lb., \$1.25; ½ lb., \$2.25; 1 lb., \$4.00.**

**KLECKLEY'S SWEET.** Immensely popular because of its superb flavor and surpassing crispness. It is not overly large, but is medium in size, oval shaped, with an average length of about 18 or 20 inches. It is mottled green on the outside, with the flesh a bright red and of extremely fine quality. **Postpaid, pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 25c; ½ lb., 40c; 1 lb., 60c.**

**HALBERT HONEY.** Large, handsome fruits, 18 to 20 in. in length, 12 in. in diameter. Skin is deep green showing fine veins. Weight about 35 lbs. Flesh is a beautiful crimson extending to within half inch of rind. Vines vigorous in growth and prolific in production. Seed white with black tips. **Postpaid, pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 25c; ½ lb., 35c; 1 lb., 60c.**

**TOM WATSON.** The most popular shipping melon grown. The melons are large, long and dark green, like the Kleckley's Sweet, but larger and has a tougher rind, giving it exceptionally fine shipping qualities. The flesh is rich, red, solid, sweet and luscious and ripens close up to the rind. **Postpaid, pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 25c; ½ lb., 35c; 1 lb., 60c.**

**STONE MOUNTAIN.** A very large, medium green, round melon of excellent quality. Flesh highly colored, very solid, with fewer seeds than most watermelons. This is rapidly gaining a well deserved popularity in the South where the fruits frequently attain a weight of 60 to 80 pounds. The rind is tough enough to stand handling for nearby markets but will not stand long distance shipping. **Postpaid, pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 35c; ½ lb., 60c; 1 lb., \$1.00.**

**GOLDEN HONEY.** A leader among the yellow-fleshed varieties. Oblong in shape, weight about 20 lbs. Rind is dark green with darker green stripes. Flesh is bright golden color and of excellent flavor. Size 14x12 in. Seeds white with black tips. **Postpaid, pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 35c; ½ lb., 50c; 1 lb., 75c.**

R.-H. Co.'s  
Mammoth Giant.

### Special Stock Watermelon Seed

The seed of these following well known varieties has all been saved from uniform largest specimens. The melons are first hand cut and the seed is then selected and saved with the utmost care. If you wish something extra good buy our Special Stock.

	Postpaid	Pkt.	Oz.	2 ozs.	¼ lb.	½ lb.	1 lb.
Special Kleckley Sweet	..\$0.10	\$0.20	\$0.30	\$0.50	\$0.80	\$1.25	
Special Stone Mountain	....	.10	.20	.35	.60	1.00	1.50
Extra Tom Watson	.....	.10	.20	.30	.50	.80	1.25



Kleckley's Sweet.

### Free With Orders

UP TO APRIL 1ST OUR  
1935 CALENDAR AND  
ALMANAC

It's worth having,  
gives weather predic-  
tions for next 12 months  
and other information  
that you will appreciate.

The Calendar is mailed  
free with any order.



Stone Mountain.

## Tendergreen

Or Japanese Mustard  
Spinach

A new vegetable combining the delicious flavors and healthful qualities of spinach, mustard, and turnip greens. It contains an abundance of protein, mineral matter, lime, and iron. The tap-root is small and not edible. The succulent leaves are large and oblong-shaped, a rather dark green color with a small center rib, and are prepared for table like other greens. Flourishes in hot weather and is resistant to drought and extreme cold. Plant any time during the year. Ready for table in 25 days. **Postpaid, pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 20c; ½ lb., 30c; 1 lb., 50c.**

PRICES ON LARGE QUANTITIES QUOTED ON OUR GREEN INK LIST.



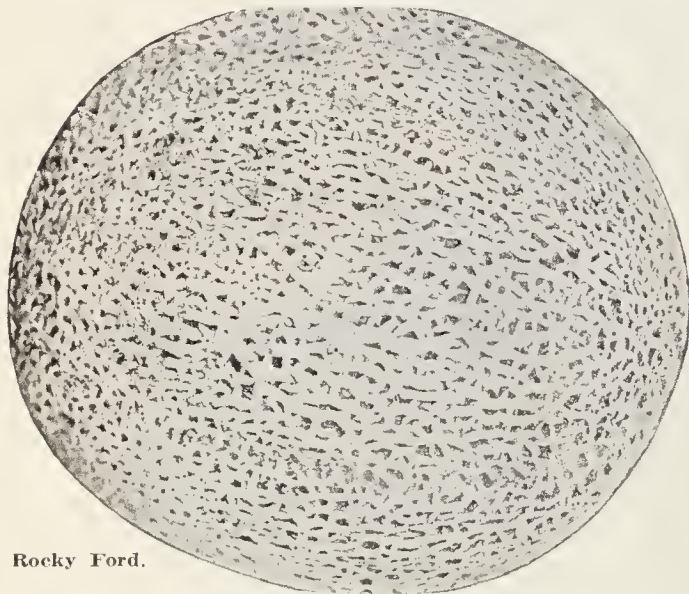
Hale's Best.

**HALE'S BEST.** This is a new variety and originated in the Imperial Valley in California. It is a remarkably early melon of very fine flavor. The salmon flesh is exceptionally thick with very small seed cavity. The fruits are oval, about 8 by 4½ inches, with a heavy netting and ribs hardly apparent. Hale's Best will be of real value as an early shipping melon. **Pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 35c; ½ lb., 60c; 1 lb., \$1.00, postpaid.**

**ROCKY FORD.** We have an especially fine, improved strain of this popular melon as now grown at Rocky Ford. The fruit is small, almost round, smooth, showing no ribs, and densely covered with a heavy, hard gray netting; flesh thick and deep green, showing a faint lining of pink or gold at the center; of the highest quality. An excellent shipping sort. **Pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 35c; ½ lb., 50c; 1 lb., 85c, postpaid.**

**PINK MEAT ROCKY FORD.** A salmon tinted Rocky Ford, being identical in every way except color of flesh, which is a light salmon in color at the center, shading into a light green midway to the rind. It is rapidly superseding the green fleshed variety in the large melon growing districts of the South and West. **Pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 35c; ½ lb., 50c; 1 lb., 85c, postpaid.**

**MAMMOTH ROCKY FORD.** The general type of this melon is similar to the regular Rocky Ford, but they grow somewhat larger in size, making it a splendid variety for market. **Pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 35c; ½ lb., 60c; 1 lb., \$1.00, postpaid.**



Rocky Ford.



## Granulated Peat Moss

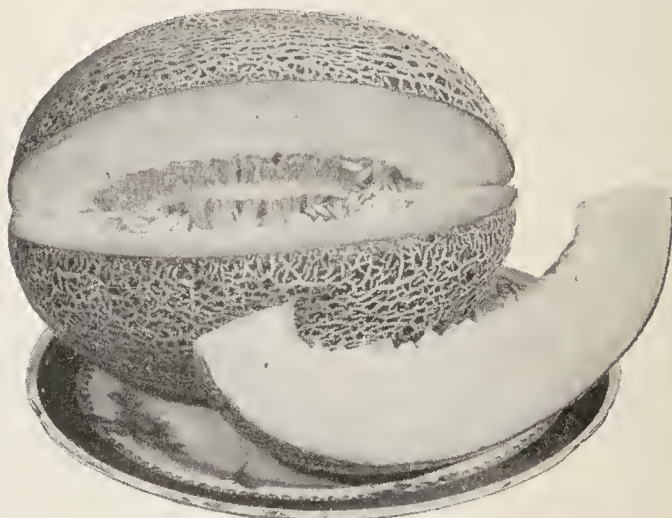
A moisture - retaining humus. Quickly decays so that it is available for plant food.

Excellent for potting bulbs, also for clayey soils, gravelly soils, for mulching roses, perennial flower beds, evergreens, etc. **Prices: ½ bale, \$2.25; 1 bale (about 16 bushels), \$3.50, not prepaid.**

# Muskmelon or Cantaloupe

**Culture**—Plant in hills 5 feet apart in light, rich soil, well manured; 10 seeds to hill; thin to 4 plants. Cultivate well. Pinch off ends of vine as they begin to blossom, which will increase the yield. One ounce to 50 hills. For borers or worms, spray as soon as blossoms appear with Bordo-Arsenate and add Black Leaf 40.

**HEARTS OF GOLD.** A new orange-fleshed variety, ideal as a shipping melon and of the very finest quality. Vine vigorous, remarkably blight-resisting and very productive. Fruit of medium and very uniform size. Netting exceptionally fine and dense, extending practically over the entire surface. Rind thin, yet very firm, so that the melons arrive in perfect condition in distant markets. Flesh thick, firm, highly colored, of fine texture and delicious flavor. One of the best market melons offered today. **Pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 35c; ½ lb., 50c; 1 lb., 90c, postpaid.**



Hearts of Gold.

**SUPERFECTO CANTALOUPE.** This new melon of the Rocky Ford type is the sweetest and most luscious of the salmon flesh varieties. It has deep yellow flesh which is soft and exceedingly sweet. **Pkt., 10c; oz., 20c; 2 ozs., 35c; ¼ lb., 50c; ½ lb., 70c; 1 lb., \$1.25, postpaid.**

**SUGAR or HONEY ROCK.** Absolutely distinct and very superior melon, the result of years of most careful and painstaking selection and breeding. Of that desirable size in demand in all markets, round, inclined to oval in shape, heavy in proportion to size because the flesh is deep. Distinctly ribbed and well netted—color of skin gray-green. The firm flesh is an attractive green of exquisite texture, sugary, juicy, tender, and free from stringiness. **Pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 40c; ½ lb., 60c; 1 lb., \$1.10, postpaid.**

**LAKE CHAMPLAIN.** The flesh is a rich golden color, free from stringiness, fine-grained, melting, juicy, sweet delicious flavor clear to the rind. **Pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 40c; ½ lb., 60c; 1 lb., \$1.10, postpaid.**

**HONEY DEW.** A splendid variety; rind dull white when ripe. The flesh is a rich green, very sweet and delicious flavor. **Pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 40c; ½ lb., 65c; 1 lb., \$1.20, postpaid.**

**HONEY BALL.** A little larger than Rocky Ford, is as round as a ball, has thick green flesh. Honey Ball is quite early, enormously productive, and has a delightful flavor and sweetness. **Pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 45c; ½ lb., 65c; 1 lb., \$1.25, postpaid.**

## Standard Cantaloupes

Prices on the following varieties uniform as follows: **Pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 35c; ½ lb., 60c; 1 lb., \$1.00, postpaid.**

<b>ACME</b> or <b>BALTIMORE</b>	<b>LARGE HACKENSACK</b>
<b>GOLDEN BEAUTY</b>	<b>CASABA</b>
<b>BANANA</b>	<b>TIP TOP NUTMEG</b>



Southern Giant Curled Mustard.

## Okra

**Culture**—One ounce will plant 100 hills. Sow about the first of May, in drills 3 feet apart, and thin out the plants to one foot apart. Soak seed in water 12 hours—they germinate easier.

We can supply three standard varieties of Okra mentioned below:

**DWARF PROLIFIC**

**MAMMOTH LONG PODDED**

**WHITE VELVET**

All at the following prices: Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 20c; ½ lb., 30c; 1 lb., 45c, postpaid.

## Onion

**Culture**—Sow in January or February in hotbeds. Transplant to 12-inch rows, five inches apart. Sow outdoors in rows in March.

### Standard Onion Seed Prices

**LARGE RED WETHERSFIELD.**

**YELLOW GLOBE DANVERS.**

**SWEET SPANISH.**

**SOUTHPORT WHITE GLOBE.**

**LARGE RED GLOBE.**

**WHITE SILVERSKIN.**

**PRIZETAKER.**

**AUSTRALIAN BROWN.**

Pkt., 10c; oz., 25c; 2 ozs., 40c; ¼ lb., 75c; ½ lb., \$1.50; 1 lb., \$2.50.

### Special Varieties

**YELLOW BERMUDA.**

**CRYSTAL WHITE WAX BERMUDA.**

Pkt., 10c; oz., 25c; 2 ozs., 35c; ¼ lb., 75c; ½ lb., \$1.25; 1 lb., \$2.25, postpaid.

## Onion Sets

**Culture**—Plant four to six inches apart in 12 to 14 inch rows. For prices by the bushel see Green Ink List enclosed.

**LARGE RED WETHERSFIELD** .....

**YELLOW GLOBE DANVERS** .....

**WHITE SILVERSKIN** .....

	Postpaid.		Not prepaid.	
	Qt.	Gal.	Qt.	Gal.
LARGE RED WETHERSFIELD	\$0.30	\$0.90	\$0.25	\$0.75
YELLOW GLOBE DANVERS	.30	.90	.25	.75
WHITE SILVERSKIN	.35	1.05	.30	.90

## Bermuda Onion Plants

**CRYSTAL WHITE WAX AND YELLOW STRAW COLORED.**

Postpaid, 100, 15c; 200, 30c; 500, 60c; 1000, \$1.00. Not prepaid, 100, 10c; 200, 20c; 500, 45c; 1000, 75c.

All prices on onion plants are subject to crop conditions and market changes. All plants ready for shipment February 1st. See Green Ink List for prices by the crate.



White Velvet Okra.



Yellow Globe Danvers Onions.

## Mustard

**Culture**—Sow from February to April or September and October; broadcast or in drills, six inches apart. Cut when about three inches high. One ounce seed to 80 feet drilled; six pounds to acre broadcast.

**FORDHOOK FANCY.** The vigorous-growing plants have beautiful, dark green, curled leaves. It is most productive from early spring sowings, and stands well, even during the hot summer months. Most popular of all. Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 25c; ½ lb., 30c; 1 lb., 50c, postpaid.

**OSTRICH PLUME.** Plants vigorous; leaves dark green, which curve outward like a fine ostrich plume. Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 25c; ½ lb., 30c; 1 lb., 50c, postpaid.

**GIANT SOUTHERN CURLED.** Large variety, forming a great mass of beautiful leaves, which are ruffled and finely curled on the edges. Hardy, vigorous, highly recommended. Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 20c; ½ lb., 30c; 1 lb., 45c, postpaid.

**CHINESE MAMMOTH.** An excellent sort with very large, light green, plain smooth leaves. Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 20c; ½ lb., 30c; 1 lb., 45c, postpaid.

### Standard Varieties of Mustard

**ELEPHANT EAR.** **FLORIDA BROAD LEAF.**

Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 25c; ½ lb., 30c; 1 lb., 50c, postpaid.

**BLACK or BROWN MUSTARD and WHITE LONDON MUSTARD.**

Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 20c; ½ lb., 30c; 1 lb., 45c, postpaid.

## Parsley

**Culture**—Soak seed in water for a few hours and sow in rich soil early in Spring in rows a foot apart and cover lightly. Parsley is slow to germinate and is sometimes 3 to 4 weeks in coming up. One ounce will sow 150 feet of drill. Sow in March and April, also in September.

**DOUBLE CURLED PARSLEY.**

**CHAMPION MOSS CURLED PARSLEY.**

**PLAIN or SINGLE PARSLEY.**

Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 20c; ½ lb., 35c; 1 lb., 60c, postpaid.

## Parsnips

**Culture**—Sow the seed in early spring, three-fourths of an inch deep in rows 12 to 18 inches apart and when 3 inches high thin to 6 inches apart in the row. One ounce of seed for 100 feet of row; 5 pounds of seed required for an acre.

**HOLLOW CROWN.** Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 20c; ½ lb., 35c; 1 lb., 60c.

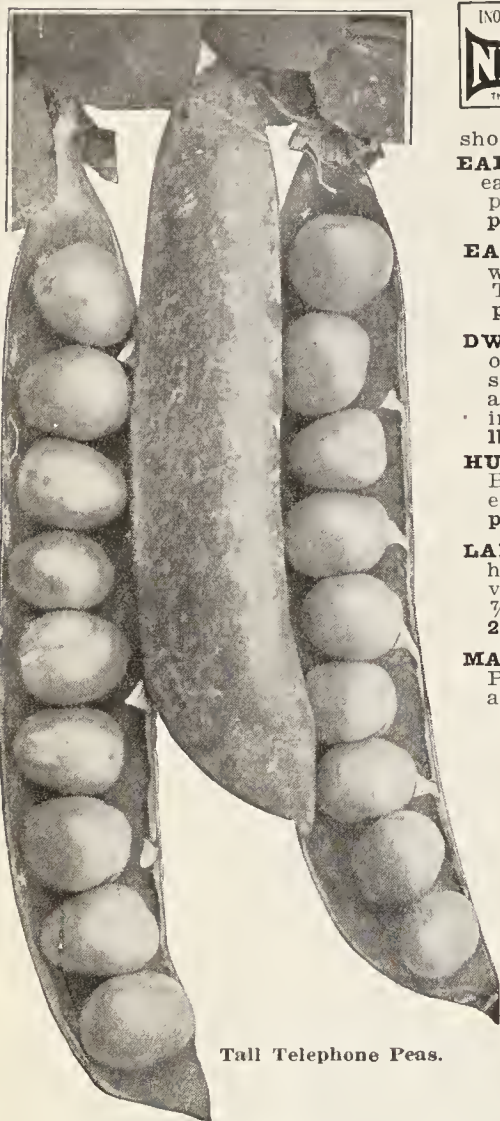
### EVER GREEN SPRAY

A new discovery. Kills without burning. Non-poisonous. Effective against lice on turnip greens, cabbage, etc., leaf hoppers and worms that bother cantaloupes, cucumbers, tomatoes, etc. 1 oz., bottle, 35c; mailed, 40c.



Hollow Crown Parsnips.

# Russell-Heckle's Garden Peas



Tall Telephone Peas.



should not be planted until March.

**EARLY ALASKA.** Matures in 50 days. This is an extra early pea, blue in color, earlier by a few days than any other kind; very fine and prolific; the best flavored pea among the extra early smooth-podded kinds.  $\frac{1}{2}$  lb., 15c; 1 lb., 25c; 2 lbs., 45c, postpaid. Not prepaid,  $\frac{1}{2}$  lb., 10c; 1 lb., 20c; 2 lbs., 35c.

**EARLY BIRD.** This variety is one week later than Early Alaska but has larger pods which are dark green in color, filled with plump sweet peas; seed being smooth. They can be planted very early.  $\frac{1}{2}$  lb., 20c; 1 lb., 30c; 2 lbs., 60c, postpaid. Not prepaid,  $\frac{1}{2}$  lb., 15c; 1 lb., 25c; 2 lbs., 50c.

**DWARF TELEPHONE.\*** Dwarf growing strain of the popular Telephone; big pods on vine  $2\frac{1}{2}$  feet high. Fine large pods of dark green color,  $4\frac{1}{2}$  inches long, straight and pointed, containing 8 to 9 large, dark green peas of extra fine quality and sweet flavor. A favorite sort for market and the home garden. Ready to use in 68 days.  $\frac{1}{2}$  lb., 20c; 1 lb., 30c; 2 lbs., 55c, postpaid. Not prepaid,  $\frac{1}{2}$  lb., 15c; 1 lb., 25c; 2 lbs., 45c.

**HUNDREDFOLD.\*** This new wrinkled variety means perfection in dwarf peas. Bears dark green fairly broad and pointed pods, four inches long, containing about eight large peas. The vines are 16 inches high.  $\frac{1}{2}$  lb., 20c; 1 lb., 30c; 2 lbs., 55c, postpaid. Not prepaid,  $\frac{1}{2}$  lb., 15c; 1 lb., 25c; 2 lbs., 45c.

**LAXTON'S PROGRESS.\*** An excellent and the standard dwarf early variety for home gardens and shipping. May be planted almost as early as the smooth pea varieties. Vines 15 to 20 in., dark green and very prolific. Pods 4 to  $4\frac{1}{2}$  ins. long,  $\frac{3}{8}$  in. wide, containing 8 to 10 large deep green peas, matures in 60 days.  $\frac{1}{2}$  lb., 20c; 1 lb., 30c; 2 lbs., 55c, postpaid. Not prepaid,  $\frac{1}{2}$  lb., 15c; 1 lb., 25c; 2 lbs., 45c.

**MAMMOTH POD EXTRA EARLY.** This is without question the best extra early Pea for market gardeners. It is only five days later than Alaska and the pods are almost as large as Gradus. The seed being smooth, it can be planted as early as any of the extra earlies. It is very prolific; pods of a rich dark green color. Height, three feet.  $\frac{1}{2}$  lb., 20c; 1 lb., 30c; 2 lbs., 60c, postpaid. Not prepaid,  $\frac{1}{2}$  lb., 15c; 1 lb., 25c; 2 lbs., 50c.

**THOMAS LAXTON.\*** Large-podded, early Pea, containing on the average seven or eight large, sweet wrinkled Peas of the richest flavor. The vines attain a height of from three to three and one-half feet.  $\frac{1}{2}$  lb., 20c; 1 lb., 30c; 2 lbs., 55c, postpaid. Not prepaid,  $\frac{1}{2}$  lb., 15c; 1 lb., 25c; 2 lbs., 45c.

## Standard Garden Peas

### SMOOTH VARIETIES

**AMEER.**

**FIRST AND BEST EXTRA EARLY. LARGE WHITE MARROWFAT.**

Prices:  $\frac{1}{2}$  lb., 20c; 1 lb., 30c; 2 lbs., 50c, postpaid. Not prepaid,  $\frac{1}{2}$  lb., 15c; 1 lb., 25c; 2 lbs., 40c.



Laxton's Progress Peas.



Yellow Kentucky Pumpkin.

## Standard Wrinkled English Garden Peas

<b>ALDERMAN.*</b>	<b>LAXTONIAN.*</b>
<b>AMERICAN WON-DEB.*</b>	<b>LITTLE MARVEL.*</b>
<b>BLISS EVERBEARING.*</b>	<b>MAMMOTH SUGAR EDIBLE POD.*</b>
<b>CHAMPION OF ENGLAND.*</b>	<b>MCLEAN'S LITTLE GEM.*</b>
<b>GRADUS or PROSPERITY.*</b>	<b>NOTT'S EXCELSIOR.*</b>
	<b>TALL TELEPHONE.*</b>

$\frac{1}{2}$  lb., 20c; 1 lb., 30c; 2 lbs., 55c, postpaid. Not prepaid,  $\frac{1}{2}$  lb., 15c; 1 lb., 25c; 2 lbs., 45c.

## Pumpkins

**Culture**—They may be grown as a field crop. Plant in hills 8 feet apart each way, and any time after first of May. Avoid planting near other vine crops, as they will hybridize and damage that crop. One ounce will plant about 25 hills, 4 pounds to the acre.

**YELLOW KENTUCKY FIELD.** A large variety of good quality; the standard pumpkin for field cultivation and stock feeding. Pkt., 5c;  $\frac{1}{2}$  lb., 20c; 1 lb., 35c; 2 lbs., 50c, postpaid. Not prepaid, Pkt., 5c;  $\frac{1}{2}$  lb., 15c; 1 lb., 25c; 2 lbs., 40c.

## Standard Pumpkins

**JAPANESE PIE. STRIPED CUSHAW. KING OF THE MAMMOTH. TENNESSEE SWEET POTATO. SMALL SUGAR.**

Pkt., 5c; oz., 15c; 2 ozs., 25c;  $\frac{1}{4}$  lb., 30c; 1 lb., 90c, postpaid.

Wholesale prices on Garden Peas are quoted on our Green Ink List enclosed.

# Peppers

**Culture**—One ounce will produce about 1,000 plants. For early plants sow in hotbeds the latter part of January, and transplant to open after all danger of frost is over, in rows 3 feet apart, 15 to 18 inches apart in the rows.

**HARRIS EARLY GIANT.** Earliest of all large fruited sorts. A very large sweet Pepper, producing good crops. The plants are of vigorous growth and covered with enormous Peppers about 4 inches high and 3 inches through. **Pkt., 5c; ½ oz., 20c; oz., 40c; 2 ozs., 70c; ¼ lb., \$1.00; ½ lb., \$1.75; 1 lb., \$3.00, postpaid.**

**CALIFORNIA WONDER.** A giant-podded sweet Pepper, maturing very early, similar in shape to Bull Nose, but much larger and flesh thicker, deep green when young and a rich red when ripe; flavor mild. **Pkt., 5c; ½ oz., 25c; oz., 50c; 2 ozs., 90c; ¼ lb., \$1.25; ½ lb., \$2.25; 1 lb., \$4.00, postpaid.**

**PIMIENTO.** Fruits heart-shaped, smooth, 3 in. long, deep green becoming deep red. Flesh thick, sweet and of excellent flavor. Grown on large scale for canning—and a fine variety for home and market gardens. **Pkt., 5c; ½ oz., 20c; oz., 35c; 2 ozs., 60c; ¼ lb., 85c; ½ lb., \$1.25; 1 lb., \$2.25, postpaid.**

## Standard Varieties

**RED BELL or BULL NOSE. RUBY KING. ROYAL KING. LONG RED CYENNE.**  
**Pkt., 5c; ½ oz., 20c; oz., 35c; 2 ozs., 60c; ¼ lb., 90c; ½ lb., \$1.60; 1 lb., \$2.75, postpaid.**

### OTHER PEPPERS

**CHINESE GIANT. WORLD BEATER. BIRDS EYE CREOLE. RED CHILI. LONG YELLOW HUNGARIAN. TABASCO.**

**Pkt., 5c; ½ oz., 25c; oz., 50c; 2 ozs., 90c; ¼ lb., \$1.50; ½ lb., \$2.75; 1 lb., \$4.75, postpaid.**

California Wonder.

## Pepper Plants

Varieties: **CHINESE GIANT, CALIFORNIA WONDER and LONG RED CAYENNE PIMIENTO.** Ready about April 20th. **Doz., 30c; 25, 50c; 50, 75c; 100, \$1.20, postpaid. Not prepaid, doz., 25c; 25, 40c; 50, 60c; 100, \$1.00.**

## Sweet Potatoes

### Certified Seed

Plant only disease-free seed Sweet Potatoes and Sweet Potato Slips. They mean better quality and better crops. Can furnish the following varieties:

**CERTIFIED NANCY HALL.** Skin yellow, meat sweet, of amber yellow. Prices on request.

**CERTIFIED PORTO RICO YAMS.** Deep orange meat, soft, sweet and of best flavor; skin golden color with slight purplish tinge. Prices on request.

## Certified Sweet Potato Slips

**CERTIFIED NANCY HALL SLIPS. CERTIFIED PORTO RICO SLIPS.** Prices by express: 500 for \$1.50; 1000, \$2.50.

Treat Irish Potatoes  
with **SEMESAN BEL**

Treat Sweet Potatoes  
with **CORROSIVE SUBLIMATE**

These materials prevent and cure diseases and are priced on pages 54 and 55, of this book.



Certified  
Nancy Hall.



Certified  
Red Triumph.

## Irish Potatoes

**Culture**—Will mature in 70 to 90 days, according to the variety. Cut two eyes, drop them every 15 inches, and make rows 3 feet apart; cover eyes 2 inches; plant in February, March and April for early crops. On account of market fluctuations, we are unable to name exact prices. Will be pleased to have you write during the month of February or later. Will then quote prices for prompt or future shipments.

**CERTIFIED RED TRIUMPH.** You can depend on our stock of Bliss Red Triumphs. They are smooth, sound and free from diseases and true to type, so tagged and certified by the state which produces them. Remember, only State Certified Seed Potatoes can be shipped into Mississippi and other states.

**CERTIFIED IRISH COBBLER POTATOES.** A popular, early white potato of fine quality. Very productive.

## Summer Seed Potatoes

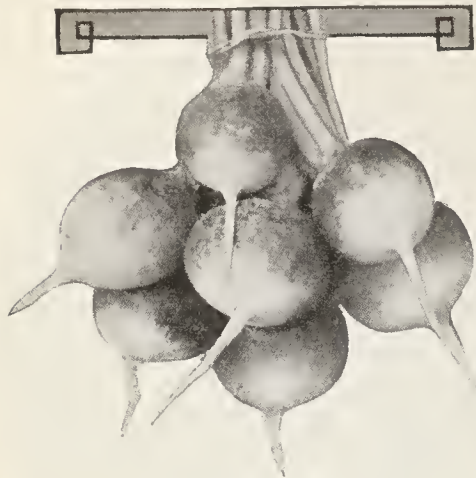
We will have to offer for summer planting cold storage Lookout Mountain, McCormick and Red Triumph Potatoes. Prices will be given in June and July. Write us.

## How to Get a Stand of Fall Irish Potatoes

**Use Ethylene Chlorhydrin.** This chemical when applied to the cut potatoes causes a complete quick sprouting by drying them out, consequently you can use your own May dug potatoes after they have been out of the ground for three weeks, and by treating with Ethylene Chlorhydrin you will get a perfect stand by Sept. 1st, and consequently a sure crop. The treatment is simple and inexpensive. Complete directions for using come with the material.

½ pt., enough for 2 bushels of seed potatoes, 50c; 1 pt., \$1.00; 1 qt., \$2.00; ½ gal., \$2.75; 1 gal., \$4.25. See page 54 for prices by mail.

# Radish



Cooper's Sparkler.

## Standard Radish Prices

**FRENCH BREAKFAST.**  
**PERFECTION WHITE TIP.**  
**EARLY SCARLET TURNIP.**  
**LONG SCARLET.**  
**SCARLET TURNIP, WHITE TIP.**  
**MIXED VARIETIES.**

Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 20c; ½ lb., 25c; 1 lb., 45c, postpaid.

## Other Radishes

**EARLY BIRD.**  
**LONG BLACK SPANISH.**  
**CHINA ROSE WINTER.**  
**CHINESE MAMMOTH WHITE.**

Pkt., 5c; oz., 10c; 2 ozs., 20c; ¼ lb., 25c; ½ lb., 35c; 1 lb., 60c, postpaid.

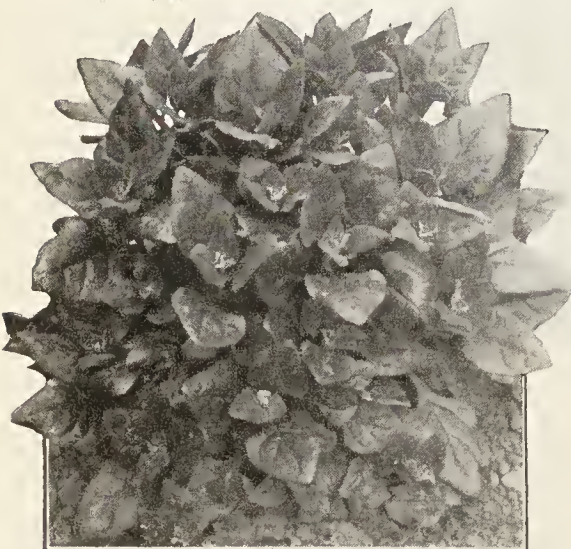
**COLUMBIA WHITE TIP FORCING.** The earliest of the forcing radishes, and one of the slowest to shoot to seed. Round, bright scarlet with white tip. Pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 30c; ½ lb., 40c; 1 lb., 75c, postpaid.

## Free With Orders

1935 CALENDAR AND ALMANAC

When requested, we will mail you a copy of our 1935 Almanac Calendar.

Don't fail to ask for a copy when sending your order.



New Zealand Spinach.

**Culture**—To be tender and crisp, radishes must be grown quickly and this requires rich soil and moisture. Begin as early as possible in the spring and sow at intervals of about 10 days in a light, rich, deeply worked soil. For fall and winter, sow in August and September. One ounce sows 50 feet in drills; 10 to 12 lbs. to the acre.

**COOPER'S SPARKLER.** This radish is an improved type of the Scarlet Turnip White Tip and is superior to the original. The top half is beautiful scarlet; the bottom half clear white. Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 20c; ½ lb., 25c; 1 lb., 45c, postpaid.

**EARLY SCARLET GLOBE.** The roots of this variety are slightly olive shaped and are a rich bright scarlet in color. The flesh is white and tender. The roots are fit to pull as early as Scarlet Turnip, but are larger when matured. We especially recommend this for shipping. Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 20c; ½ lb., 25c; 1 lb., 45c, postpaid.

**WHITE ICICLE.** Long, slender, pure white, the earliest and finest long white radish. Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 20c; ½ lb., 25c; 1 lb., 45c.



New Long Standing Savoy Spinach.

It may be sown at intervals of two or three weeks, from March to November. One ounce to 100 feet of drill; 10 to 12 pounds to an acre.

**NORFOLK BLIGHT RESISTANT SAVOY.** A variety of Bloomsdale Spinach that is Blight resistant, therefore making it a very desirable sort, since it holds its color at all times. The leaves are dark green, crumpled large and of beautiful appearance. For market, grow the Norfolk Blight Resistant Spinach. Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 20c; ½ lb., 25c; 1 lb., 45c, postpaid.

**OLD DOMINION.** A sensational new Savoy-leaved type developed at the Virginia Experiment Station after 20 years of careful selection and breeding. It is a beautiful Spinach of the Bloomsdale type, upstanding, heavily savoyed, dark colored, and very slow in running to seed. Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 20c; ½ lb., 25c; 1 lb., 45c, postpaid.

**NEW ZEALAND.** The variety which endures heat and hence is an ideal variety for summer use. One single plant will grow to dimensions of 6 feet across, producing an abundance of thick, fleshy, juicy stems and leaves. Plant in hills 2 feet apart each way, 3 or 4 seeds to a hill. Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 25c; ½ lb., 35c; 1 lb., 60c, postpaid.

**BROAD LEAVED FLANDERS.** Leaves bright green, broad and thick. Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 20c; ½ lb., 25c; 1 lb., 35c, postpaid.

**KING OF DENMARK.** Has beautiful crumpled dark green leaves, thick and of fine quality, and remains in good condition fully two weeks longer than other varieties before going to seed. Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 20c; ½ lb., 25c; 1 lb., 45c, postpaid.

**FILLBASKET.** The largest growing variety. Glossy dark green foliage, crumpled and thick in texture. Ready to cut in 45 days. Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 20c; ½ lb., 25c; 1 lb., 45c, postpaid.

**NEW LONG STANDING BLOOMSDALE CURLED SAVOY.** A long standing strain, slow in running to seed. Remains in edible condition longer than most varieties. Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 20c; ½ lb., 25c; 1 lb., 45c, postpaid.

## For Market Gardeners!

**BLOOMSDALE CURLED SAVOY SPINACH.** Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 20c; ½ lb., 25c; 1 lb., 35c; 5 lbs., \$1.20, postpaid.

PRICES ON LARGE QUANTITIES QUOTED ON OUR GREEN INK LIST.



White Icicle.

## Spinach

**Culture** — Requiring but little culture, it is one of the most easily managed of all vegetables. The main crop is sown from September until November. For summer use



Salsify.

**Culture**—Sow in drills or broadcast in June, July and August.  
**IMPROVED PURPLE TOP YELLOW.** The finest and most profitable of all yellow, purple-top



Swiss Chard.

## Rutabaga

Rutabagas, being the hardiest, heaviest, best shaped and most productive. Matures in 95 days. **Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 20c; ½ lb., 25c; 1 lb., 45c, postpaid.**

**GOLDEN NECKLESS PURPLE TOP.** Similar to American Purple Top, except neck is very small. **Pkt., 5c; oz., 10c; 2 ozs., 20c; ¼ lb., 25c; ½ lb., 35c; 1 lb., 60c, postpaid.**

## Salsify

(OYSTER PLANT)

**Culture**—The Oyster Plant succeeds best in some light, well-enriched soil which previous to sowing the seeds should be stirred to the depth of 18 inches. Sow early in the spring in drills 15 inches apart; cover the seeds with fine soil 1 inch deep. One ounce for 60 feet of drill, 7 pounds to one acre.

**MAMMOTH SANDWICH ISLAND.** This splendid variety grows to fully double the size of the old sort; is of superior quality and delicate flavor. **Pkt., 5c; oz., 15c; 2 ozs., 30c; ¼ lb., 50c; ½ lb., 90c; 1 lb., \$1.50, postpaid.**

## Swiss Chard

OR SILVER BEET

Swiss Chard replaces Spinach during the hot weather and is grown in much the same way as Beets. The seed should be sown during April or May, in drills 16 to 20 inches apart, and the seedlings thinned to stand from 1 to 2 feet apart in the row. The plants are quite hardy, and will yield throughout the summer and fall until severe frosts touch the foliage. The large white ribs may be creamed like Asparagus. One ounce for 100 feet; 4 lbs., per acre.

**LUCULLUS SWISS CHARD.** The best broad ribbed variety. **Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 25c; 1 lb., 60c, postpaid.**

## Squash

**Culture**—After danger of frost is past, plant in a warm, well-pulverized, rich soil, mixing well-rotted manure with the soil in each hill. Plant 8 or 10 seeds to the hill; the bush varieties 4 to 6 feet apart, the running sorts 8 to 10 feet.

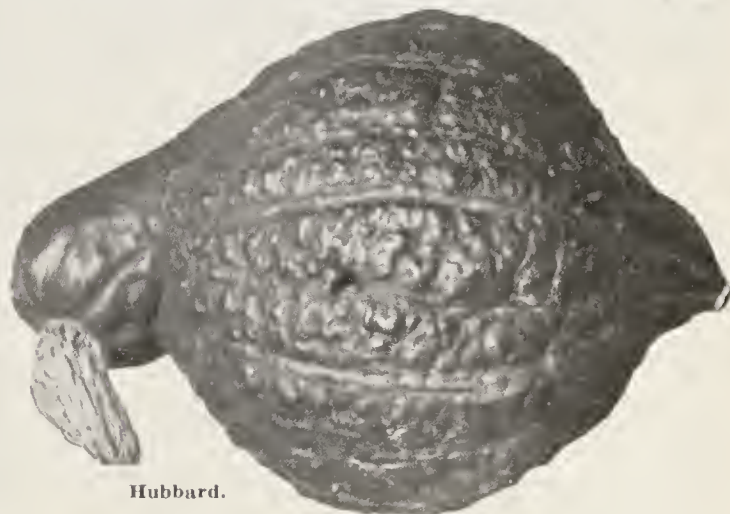
**EARLY WHITE BUSH PATTY PAN.** The most popular of white summer types of squash. The fruits are rather small, quite flat, with ridges or scalloped edges. The vines are bushy, and the fruits are 8 inches across by 3 inches in diameter. **Pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 30c; ½ lb., 50c; 1 lb., 75c, postpaid.**

**GOLDEN DELICIOUS** An excellent variety for every home garden. Fruits are top-shaped, with a rich dark green skin, mottled with lighter shadings. Flesh is thick, dark orange in color, sweet and dry. **Pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 35c; ½ lb., 60c; 1 lb., 90c, postpaid.**

**HUBBARD.** Flesh is bright yellow, thick, fine grained, very dry and sweet. Splendid for pies. A good keeper. **Pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 35c; 1 lb., \$1.00, postpaid.**

**GOLDEN SUMMER CROOKNECK.** Of true bush growth, very early-fruiting and productive. The skin is a beautiful deep orange and the flesh a rich shade of salmon-orange. Of delicious flavor and very meaty. **Pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 30c; ½ lb., 50c; 1 lb., 90c, postpaid.**

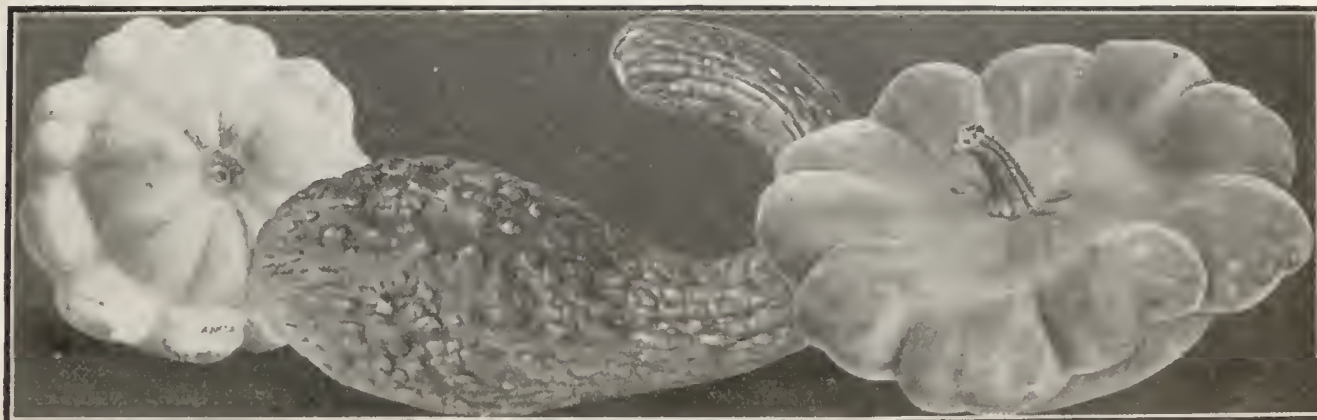
**ZUCCHINI.** A long Italian squash. 18 to 24 inches long and 4 inches thick when matured. Dark green marbled with yellow and lighter green stripes. Usually picked at the length of 5 or 6 inches and stewed or fried in olive oil. **Pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 35c; ½ lb., 60c; 1 lb., 1.00, postpaid.**



Hubbard.

## Standard Varieties of Squash

**MAMMOTH WHITE BUSH.** **GOLDEN CUSTARD.**  
**GIANT YELLOW STRAIGHTNECK.** **COCOZELLE.**  
**GIANT YELLOW CROOKNECK.** **TABLE QUEEN.**  
**Pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 30c; ½ lb., 50c; 1 lb., 90c, postpaid.**



Early White Bush Patty Pan.

Yellow Summer Crookneck.

Mammoth White Bush.

# R.-H. Co.'s Top Notch Tomatoes

**Culture**—The seed should be sown in March in a hotbed or greenhouse, or may be sown in a box and kept inside the window of a room where the night temperature is not less than 65 degrees. The plants should be thinned out in the bed so as to give them plenty of room or they will be weak and poor. About the middle of April the plants may be set in the open ground from 4 to 5 feet apart each way. One ounce produces about 1,500 plants. To prevent rot and blight on tomato plants, spray them with Pyrox when first fruits have set.



Master Marglobe.

## Super Perry County

Notwithstanding the very hot dry weather during the past season, many customers have reported they were well pleased with the Perry County Tomato. We introduced this variety last season, and our seed have been all saved from the largest and smoothest specimens that will produce truly a Super Perry County Tomato.

The giant vines came through in fine shape after the fall rains arrived, and were literally loaded with fine large smooth tomatoes that bore a crop until frost.

We advise early setting of Super Perry County plants to get ahead of any possible dry spell of weather and we feel sure you will not be disappointed in this variety.

Pkt., 20c; 6 pkts., \$1.00; ½ oz., 60c; ¼ oz., \$1.00; ½ oz., \$2.00; 1 oz., \$3.50, postpaid.

## Master Marglobe

This is extra selected stock, brought to perfection by the originators from whom we procured our supply.

Master Marglobe has a deeper color, rich deep scarlet and grows very uniform, more globe-shaped than the standard type. Master Marglobe is a heavy yielder of fine large tomatoes which have a thick firm meat and small seed cavity. Master Marglobe is medium early, almost 100 percent blight and nail-head resistant and is well suited for almost all soils.

Pkt., 15c; ½ oz., 60c; oz., \$1.00; 2 ozs., \$1.40; ¼ lb., \$1.75; ½ lb., \$3.00; 1 lb., \$5.50, postpaid.

## Marglobe

This is our regular stock of Marglobe, while not equal to our other strains of this excellent variety, it is as good as any stock sold by other seed houses. Our grower procured the original stock, from the U. S. Department of Agriculture.

Pkt., 5c; ½ oz., 15c; oz., 25c; 2 ozs., 40c; ¼ lb., 75c; ½ lb., \$1.25; 1 lb., \$2.25, postpaid.

**EARLY DETROIT.** The largest and best of the early purplish tomatoes. Fruits very smooth, nearly globe-shaped, firm and of excellent quality. Pkt., 5c; ½ oz., 15c; oz., 25c; 2 ozs., 45c; ¼ lb., 75c; ½ lb., \$1.40; 1 lb., \$2.75, postpaid.

**GULF STATE MARKET.** One of the finest early globe-shaped tomatoes yet produced. Color deep purplish pink, smooth skin and free from cracks. Pkt., 5c; ½ oz., 20c; oz., 35c; 2 ozs., 60c; ¼ lb., 90c; ½ lb., \$1.75; 1 lb., \$3.00, postpaid.

**PRITCHARD.** Formerly known as Scarlet Topper, coming from the same source as Marglobe. Pritchard is wilt-resistant, and its very open foliage produces fruits of large size. The color of the fruit is brighter red than the Marglobe and is perfectly smooth, quite large and solid. Pkt., 5c; ½ oz., 15c; oz., 25c; 2 ozs., 45c; ¼ lb., 80c; ½ lb., \$1.40; 1 lb., \$2.50, postpaid.

## R.-H. Co.'s Red Head Tomato

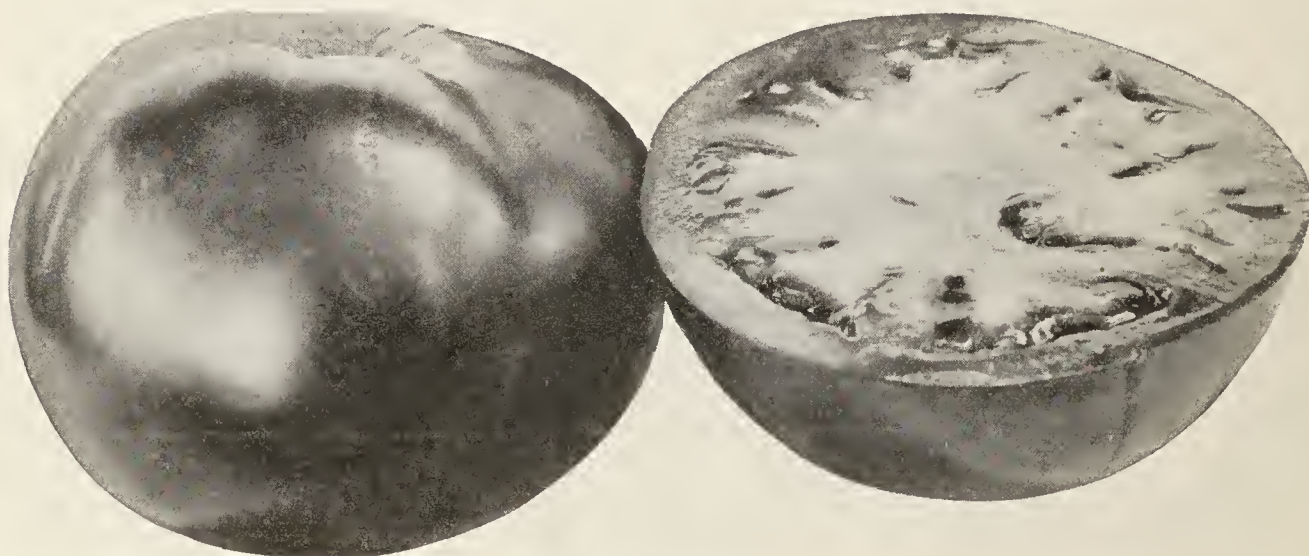
A superb early maturing variety coming into bearing with Earliana, however, it is perfectly smooth, of larger size and a deep but bright red color and holds its size throughout season.

Pkt., 5c; ½ oz., 20c; oz., 35c; 2 ozs., 60c; ¼ lb., \$1.00; ½ lb., \$1.75; 1 lb., \$3.00, postpaid.

## Certified and Special Stock Tomato Seed

These as noted are certified and special stocks of seeds saved from the choicest crown picked fruits, especially desirable for market gardeners use.

	Pkt.	oz.	2 oz.	¼ lb.	½ lb.	1 lb.
Certified Bonny Best ..	\$0.10	\$0.40	\$0.70	\$1.25	\$2.00	\$3.50
Certified Marglobe ....	.10	.50	.80	1.25	2.00	3.50
Certified Pritchard ....	.10	.40	.70	1.25	2.25	3.75
Special Early Detroit ..	.10	.50	.90	1.50	2.50	4.00
Special Gulf State Market .....	.10	.50	.90	1.50	2.50	4.00



Super Perry County.

# Tomatoes

**NEW MARHIO.** This is the pink Marglobe Tomato, the outside skin being a rich pink-red, fruit is very smooth and perfect. They are of good size and of excellent quality. Our seed is grown by the Haven Seed Co., in California where it did not show any signs of tomato wilt. If you like the pink skin Tomato, don't fail to plant the new Marhio. **Pkt., 10c; ½ oz., 40c; oz., 60c; 2 ozs., \$1.00; ¼ lb., \$1.50; ½ lb., \$2.50; 1 lb., \$4.75, postpaid.**

**R. H. CO.'s COLOSSAL.** A deep rich purplish color that not only produces giant fruits but is a high yielding variety. It is supreme in quality. It has very thick meaty flesh with few seeds and of fine flavor. Equally suited for slicing, in salads, or for canning. Specimen fruits will average 2½ lbs. each. **Pkt., 10c; ½ oz., 40c; oz., 60c; 2 ozs., \$1.00; ¼ lb., \$1.50; ½ lb., \$2.75; 1 lb., \$5.25, postpaid.**

**WINDSOR.** This is the Tomato that has created so much attention on account of its enormous size and superior merits. Although not quite as smooth as some other kinds, the Windsor makes up in its wonderful fine flavor and table quality. The color is a rich pink-purple and as a slicing Tomato, it can't be beat, having very few seeds. It is nearly all meat. The Windsor Tomato is truly a vegetable garden sensation. **Pkt., 15c; ¼ oz., \$1.00; ½ oz., \$1.50; 1 oz., \$2.50, postpaid.**

**GIANT PONDEROSA.** The vines are strong in growth, and when planted in good soil and pruned to a single stem, the fruit reaches one pound in weight; tomatoes grow in beautiful uniform clusters. The fruit is mostly oblong in shape, usually ribbed, is deep purple color, has solid flesh and small seed cells. **Pkt., 5c; ½ oz., 25c; oz., 45c; 2 ozs., 75c; ¼ lb., \$1.25; ½ lb., \$2.00; 1 lb., \$3.75, postpaid.**

**OXHEART.** Fruits, large, smooth, purplish pink, almost seedless. Flesh is very thick and delicious. The name is derived from its shape which is large at stem end, tapering almost to a point. **Pkt., 10c; ¼ oz., 30c; ½ oz., 50c; 1 oz., 75c; 2 ozs., \$1.25; ¼ lb., \$2.00, postpaid.**

**YELLOW OXHEART.** A handsome yellow tomato, having all the good qualities of the pink Oxheart, delicious in flavor and almost all meat, decidedly attractive. **Pkt., 15c; ¼ oz., 50c; ½ oz., 75c; oz., \$1.25; 2 ozs., \$2.00, postpaid.**

## Spray Tomato Plants with Pyrox

To prevent blossom end rot and worms. 1-lb. jar, 45c; 5 lbs., \$1.50. Not mailable.



Windsor.



New Marhio.



Oxheart Tomato.

## Prices on Standard Tomatoes

**Pkt., 5c; ½ oz., 15c; 1 oz., 25c; 2 ozs., 40c; ¼ lb., 60c; ½ lb., \$1.00; 1 lb., \$1.75, postpaid.**  
**BONNY BEST.**  
**EARLIANA.**  
**GREATER BALTIMORE.**  
**NEW STONE.**  
**NORTON WILT RESISTANT.**  
**MATCHLESS.**

## Other Tomatoes

**Pkt., 5c; ½ oz., 20c; oz., 35c; 2 ozs., 60c; ¼ lb., 90c; ½ lb., \$1.50; 1 lb., \$2.50, postpaid.**

**EARLY ACME.**  
**BREAK O' DAY.**

**LIVINGSTON GLOBE.** **COOPER'S SPECIAL.**  
**LOUISIANA PINK.**

## Special Tomatoes

**Pkt., 10c; ½ oz., 25c; oz., 50c; 2 ozs., 90c; ¼ lb., \$1.40; ½ lb., \$2.25; 1 lb., \$4.25, postpaid.**

**BEEFSTEAK.**  
**BRIMMER.**  
**DWARF PONDEROSA.**  
**RED PEAR.**

**RED PLUM.**  
**YELLOW PEAR.**  
**YELLOW PLUM.**  
**YELLOW PONDEROSA.**

## Tomato Plants

Ready April 1st. We can supply the following varieties:

**LIVINGSTON'S GLOBE.** **GULF STATE MARKET.** **EARLY DETROIT.**  
**NEW STONE.** **MARGLOBE.** **PONDEROSA.**

Tomatoes grow splendidly trained to stakes or trellises. The fruit is much improved, not only in appearance, but in quality, and is a week or more earlier.

The usual method is to set one strong plant to a stake 5 to 7 feet high, tying the plant up with soft twine, and pruning quite freely as the vine advances in growth. For fine, large specimens of high color, grow the clusters of the fruit in paper sacks, as is commonly practiced by grape-growers. These paper sacks or bags should be put on when the Tomatoes are about three-fourths grown.

Hotbed or Seedling Stock—Prices: 25, 25c; 50, 40c; 100, 60c; 500, \$2.00, postpaid. Not prepaid 25, 15c; 50, 30c; 100, 50c; 500, \$1.75; 1000, \$3.00.

Transplanted Hotbed Grown — Prices: Doz., 30c; 25, 50c; 50, 75c; 100, \$1.20; 200, \$2.00, postpaid. Not prepaid, doz., 25c; 25, 40c; 50, 60c; 100, \$1.00; 200, \$1.50.

## Tomato Plants—Special Varieties

**BRIMMER.** **MASTER MARGLOBE.**  
**OXHEART.** **SUPER PERRY COUNTY.**  
**WINDSOR.**

Strong hot-bed stock, ready April 10th. Doz., 45c; 25, 70c; 50, \$1.15; 100, \$1.70, postpaid. Not prepaid doz., 35c; 25, 60c; 50, \$1.00; 100, \$1.50.

# Turnips

**Culture**—Spring sowing should be put in early, so that they will attain a good size before hot weather. For the regular crop, sow the early sorts in July or August, the later sorts during August, and the salad varieties during August and September. Sow either broadcast or in drills 2 feet apart, thinning out to 6 inches and roll the ground after sowing. Cover the seed about  $\frac{1}{2}$  inch. Sow 1 pound to acre in drills, 2 pounds broadcast.

**PURPLE TOP WHITE GLOBE.** One of the handsomest and most salable turnips. It is a large, rapid-growing sort, being ready for the table or market in about 65 days, with globular roots. **Pkt., 5c; oz., 10c; 2 ozs., 15c;  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 30c; 1 lb., 55c, postpaid.**

**R.-H. CO.'S AMERICAN RED TOP GLOBE.** Grown for us on contract from our own special seed stock. A perfect globe-shape with bright red or purple top and snow-white bottom. It does not taper like other types of the same variety. This is due to the utmost care in selection when growing for seed. **Pkt., 10c; oz., 15c; 2 ozs., 20c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 35c; 1 lb., 60c, postpaid.**

**JAPANESE SHOGGIN TURNIP.** A new variety that is becoming very popular in the South. Especially valuable for turnip greens, which are always in good demand, during the late spring and summer months in the South. The leaves grow upright, about 2 feet high when fully developed, which make it practically free from insect attacks. **Pkt., 5c; oz., 10c; 2 ozs., 20c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 30c; 1 lb., 55c, postpaid.**

**PURPLE TOP MILAN.** This with the White Milan, is the earliest of all turnips. **Pkt., 5c; oz., 10c; 2 ozs., 15c;  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 30c; 1 lb., 60c, postpaid.**

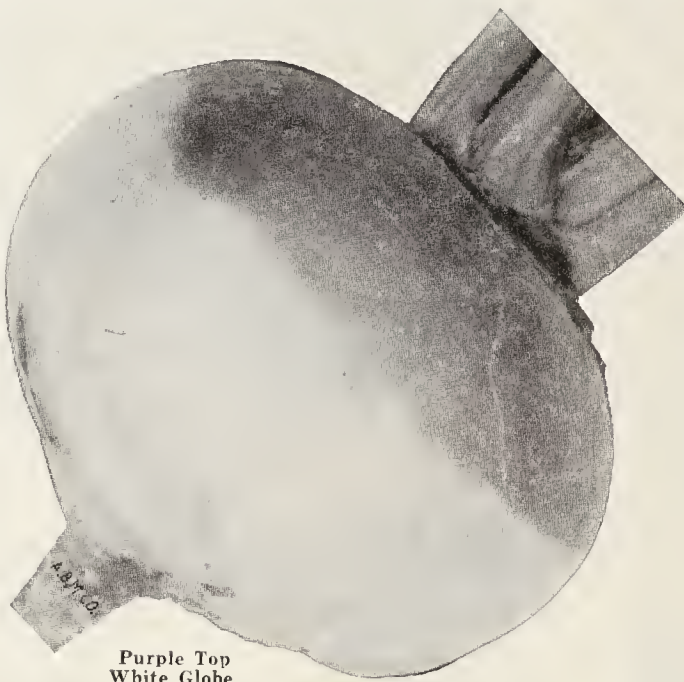
**EXTRA EARLY WHITE MILAN.** The earliest turnip. Tops very small, distinctly strap-leaved. **Pkt., 5c; oz., 10c; 2 ozs., 15c;  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 30c; 1 lb., 60c, postpaid.**

**EARLY WHITE BALL.** A quick-growing, ball-shaped, pure white variety, with short top and free from bitter taste. **Pkt., 10c; oz., 15c; 2 ozs., 25c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 50c; 1 lb., 75c, postpaid.**

**LARGE WHITE GLOBE.** One of the most productive kinds, and in good rich soil roots will frequently grow to twelve pounds in weight. It is globe-shaped, skin white and smooth. Used for stock feeding; also excellent for table use. **Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 25c; 1 lb., 40c, postpaid.**

**SOUTHERN SEVEN TOP.** The old standard popular salad variety, grown extensively for this purpose. **Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 25c; 1 lb., 40c, postpaid.**

**AMBER GLOBE.** A yellow fleshed variety of good table quality. Large smooth, globe-shaped roots, yellow tinged with green at the top. Flesh pale yellowish white, fine texture and sweet. **Pkt., 5c; oz., 10c; 2 ozs., 15c;  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 25c; 1 lb., 45c, postpaid.**



Purple Top  
White Globe.



Japanese Shogoin.

## Prices of Standard Turnips

**WHITE EGG.**

**PURPLE TOP STRAP-LEAF.**

**SOUTHERN PRIZE.**

**LONG WHITE COWHORN.**

**WHITE FLAT DUTCH.**

**YELLOW ABERDEEN.**

**DIXIE LAND.**

**MIXED TURNIP SEED.**

**Pkt., 5c; oz., 10c; 2 ozs., 15c;  
 $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 25c; 1 lb., 45c,  
postpaid.**

## Wonder Hoe

Here is a tool as new and as modern as tomorrow morning's newspaper. It is to yard and garden upkeep, what the electric washer is to wash day—what the automobile is to travel, and there's nothing to get out of order.

It is designed and built upon modern, scientific lines. Its simplicity and ease of operation appeals to everyone—women especially—and a child can use it with splendid results. It trims out that hard turf around the walks as easily as pushing a hand cultivator in the garden; and by simply tilting the blade it can be adjusted to various widths and depths of trench.



Pulverizes flower beds or gardens for planting, after ground has been turned—by using as a spade or plow.

Cultivates flowers or garden by pushing forward on edge, similar to small turning plow, or flat, similar to the cultivator shovel.

Marks off shallow furrows for planting by dragging point toward operator. Removes tall weeds from any soil two to three times as fast as a hoe or shovel.

**Price only \$1.50. Not mailable.**



Germaco

## Hotkaps

New Method of  
Plant Protection

Matures crops earlier; shields plants from wind, rain and light frosts; protects them from insects; keeps dirt soft—miniature "hot-houses." A revolutionary device that saves much in time, labor and money: 1,500 Hotkaps used on an acre, average.

Full directions in free circular.

**PRICES. 100 Hotkaps with garden setter, \$2.50; By mail, \$2.70.**

**250 Hotkaps with one garden setter for \$3.75. By mail, \$4.00. Garden setter alone, 50c. By mail, 60c.**

**1,000 Hotkaps without setter, \$10.25**

**HOTKAP SETTEBS.** Steel. Used when large quantities are set. \$1.50 extra. By mail, \$1.75.

PRICES ON LARGE QUANTITIES QUOTED ON OUR GREEN INK LIST.

# R.-H. Co.'s Top Notch Flower Seeds

Our stocks of flower seeds are new crop, the finest California and European grown. They are as good as can be procured from any other seedsmen. Our list is complete, containing many of the new introductions as well as all the standard varieties. Our Zinnias and Verbenas come from the house of Bodgers, the introducer of the newer varieties in these two most beautiful flowers.

All Prices on Flower Seeds are Postage Paid



Ageratum, Dwarf Blue.

## 1935 Cash Discounts

At catalog prices on garden and flower seeds in ½-oz., 1-oz., 2-oz., ¼-lb., 1-lb., containers.

\$1.00 buys seed to value of \$1.25.

\$2.00 buys seed to value of \$2.50.

\$3.00 buys seed to value of \$3.75.

Make your own selection and deduct 20% from catalog prices on \$1.25 orders or more, for packet, garden and flower seeds.

### Arctotis Grandis

#### African Daisy

It forms much-branched bushes 2 to 3 feet high; its daisy-like flowers are pure white with a gold band surrounding a pale mauve or blue center. It is not only pleasing when open, but also when it closes at evening and displays its lilac-tinted under sides. Good cut flower. Pkt., 10c; ½ oz., 50c.

### Asters

Very effective in beds or borders.

**AMERICAN BEAUTY WILT RESISTANT** Now you can grow Asters that will not wilt and die before they flower. Use this Wilt Resistant strain. Am. Beauty, crimson, carmine-rose, flesh-pink, purple and mixed. Pkt., 15c; ½ oz., 50c; ¼ oz., 90c; ½ oz., \$1.50.

**MAMMOTH GIANT PEONY FLOWERED.** A beautiful double variety with extra large blossom. Finest mixed colors. Pkt., 10c; ½ oz., \$1.50.

**HEART OF FRANCE ASTER.** Plants of branching habit, grows 1½ to 2 ft. in height, rich, ruby red in color. Pkt., 10c; ½ oz., \$1.50.

**SUNSHINE ASTER.** These have twisted and quilled petals, are very showy and attractive. All have a cushioned center of tiny quills of a contrasting color, which makes the flower look as if it were covered with snowflakes. Price, pkt., mixed colors, 10c; ½ oz., \$1.25.

**GIANT COMET.** A good variety with large blossoms, the petals of which are long, narrow and curled backwards. Mixed colors. Pkt., 10c; ½ oz., 75c; oz., \$1.25.

**CHINA ASTER.** Mixed colors. Pkt., 5c; ½ oz., 40c; oz., 75c.

**ALL COLORS MIXED.** A combination of all varieties, double, of globular shape and imbricated; 1½ feet high. Pkt., 5c; ½ oz., 50c; oz., 85c.



Aster, Mammoth Giant Peony Flowered.



Alyssum.

### Bachelor's Button

Also called Cornflower. Of easy culture; sow the seed where it is to remain and thin plants to 3 or 4 inches apart. Annual.

**SINGLE MIXED.**

**DOUBLE MIXED.**

**SINGLE BLUE.**

**DOUBLE PINK.**

**DOUBLE BLUE.**

Pkt., 5c; oz., 40c.

Pkt., 10c; oz., 50c.

Pkt., 10c; oz., 50c.

Pkt., 10c; oz., 50c.

Pkt., 10c; oz., 50c.

### Balsam

Transplanting two or three times has a tendency to dwarf the plants to make the flowers more double.

**DOUBLE MIXED.** Pkt., 5c; ½ oz., 25c; oz., 40c.

### Balsam Apple

Long, pear-shaped fruit with very fine, glossy green foliage. This is a pretty climber. Pkt., 5c; ½ oz., 25c; oz., 40c.

### Balloon Vine

A rapid growing climber; thrives in light soil. Pkt., 5c; ½ oz., 15c; oz., 25c.

### Blue Lace Flower

Beautiful, large, lace-like flowers, similar to wild carrot, but of a lovely delicate azure-blue gracefully poised on long stems. Sow in the hotbed in March, and outdoors in May and again in June, and you can cut flowers until frost. Pkt., 10c; ½ oz., 50c.

## SOWING FLOWER SEEDS

**CULTURAL DIRECTIONS.** Light, rich loam is most suitable for flowers. The soil should be finely pulverized for best results. This is of paramount importance if one wishes to grow them successfully. They, in common with all other seeds, should be sown thinly and the soil pressed firmly over them and then cover lightly with damp peat moss. Water frequently. A good plan is, sow the seeds in rows about 8 inches apart, then transplant to the permanent garden later.

### Acroclinium

A pretty everlasting, bearing graceful, daisy-like flowers, pretty bright rose and white with yellow centers, which, when cut in the bud state, can be dried and used for winter bouquets. Double mixed. 1 foot. Pkt., 5c; ½ oz., 25c; oz., 40c.

### Ageratum

Very showy plants; bloom profusely the whole summer; fine as cut flowers; splendid for borders, ribbon beds, etc. Half-hardy annuals.

**BLUE PERFECTION.** Dwarf, compact deep blue. Pkt., 10c; ½ oz., 35c; oz., 60c.

**DWARF BLUE.** Pkt., 10c; ½ oz., 30c; oz., 50c.

**FINEST MIXED.** Pkt., 5c; ½ oz., 25c; oz., 45c.

### Alyssum

Six to eight inches high; a fragrant, hardy annual, bearing spikes of small white flowers in great profusion.

**SWEET ALYSSUM.** Pkt., 5c; ½ oz., 20c; oz., 35c.

**GOLDEN YELLOW ALYSSUM.** Hardy perennial, but blooms the first year from seed if sown early. Grows 12 inches high. Pkt., 10c; ½ oz., 35c; oz., 60c.

**LITTLE GEM.** 3 to 4 inches high; fine for borders. Pkt., 5c; ½ oz., 30c; oz., 50c.

### Amaranthus

**CAUDATUS** (Love-Lies-Bleeding). Very attractive; 3 feet. Pkt., 5c; ½ oz., 15c; oz., 25c.

**CRUENTUS.** Showy annual, known as Princess Feather. Pkt., 5c; ½ oz., 20c; oz., 35c.

**TRICOLOR.** Very attractive annual, called Joseph's Coat. Pkt., 5c; ½ oz., 30c; oz., 50c.

**SUNRISE.** The most brilliant of this family. The foliage is bronzy crimson with bright scarlet-carmine leaves. Pkt., 20c; ½ oz., 50c; ¼ oz., 75c.

### Armeria

Dwarf growing perennial; also called Thrift or Sea Pink. Crimson flowers. 1 foot high. Pkt., 10c; ½ oz., 1.50.



Balsam.

**Cacalia**

**TASSEL FLOWER.** A pretty free-blooming plant with tassel-shaped flowers, also called Devil's Paint Brush. Of easy growth; annual; 18 inches. Pkt., 5c; ¼ oz., 25c; ½ oz., 40c.

**Calendula**

(Pot Marigold)

Very hardy annual; 1 foot high. Have showy double flowers blooming until frost and producing fine effect in borders.

**BALL'S GOLDEN.** Deep golden yellow. Pkt., 10c; ½ oz., 30c; oz., 45c.

**ORANGE KING.** Its outstandingly rich orange flowers are fully double, well rounded, and carried on fine long stems. Pkt., 10c; ½ oz., 25c; oz., 40c.

**LEMON QUEEN.** The color is an intense rich lemon-yellow of great brilliancy. Pkt., 10c; ½ oz., 25c; oz., 40c.

**RADIO.** Deep orange with quilled petals, a beautiful variety. Pkt., 15c; ¼ oz., 25c; ½ oz., 40c.

**MIXED CALENDULA.** All double sorts. Pkt., 5c; ½ oz., 15c; oz., 25c.

**Calliopsis**

Showy, beautiful free-flowering annuals, excellent for cutting and massing.

**MIXED.** Pkt., 5c; ½ oz., 20c; oz., 35c.

**DWARF VARIETIES MIXED.** Pkt., 5c; ½ oz., 25c; oz., 40c.

**Canary Bird Vine**

A beautiful climber with curiously shaped little canary-colored blossoms. Tender annual. Pkt., 5c; ½ oz., 20c; oz., 35c.

**Candytuft**

**GIANT EMPRESS.** Produces long spikes of bloom resembling a white Hyacinth. Pkt., 10c; ½ oz., 20c; oz., 30c.

**UMBELLATA.** Finest mixed. Pkt., 5c; ½ oz., 15c; oz., 25c.

**DWARF MIXED.** For borders. Pkt., 5c; ½ oz., 20c; oz., 35c.

**Canterbury Bells**

Handsome, hardy biennial of stately growth, rich color and profuse bloom. Height 2 to 3 feet.

**CANTERBURY BELL.** Mixed colors. Pkt., 5c; ½ oz., 25c; oz., 40c.

**ANNUAL CANTERBURY BELL.** Blooms the first season from seed. Mixed colors. Pkt., 10c; ½ oz., \$1.25.

**Canna**

Soak seed for a day in warm water. Mixed colors. Pkt., 5c; ½ oz., 20c; oz., 35c.

**Cardinal Climber**

Flowers glowing scarlet. Vines attaining a height of from 20 to 30 feet. Pkt., 10c; ½ oz., 75c; oz., \$1.25.

**Carnation**

The flowers are large, double and very fragrant. Mixed colors. Pkt., 10c; ½ oz., \$1.00; oz., \$1.50.

**Castor Bean - Ricinus**

Tall, large plants with large palm-like leaves of a bright green and variegated color. Makes a splendid background. Pkt., 5c; ½ oz., 10c; oz., 15c.

**Chinese Woolflower**

Plant grows 2 to 3 feet high; produces roundish heads like a ball of wool, of rich colors. Mixed. Pkt., 10c; ½ oz., 75c; oz., \$1.25.

**Coleus**

Probably the best known of ornamental foliage plants. Tender annual. Mixed colors. Pkt., 10c; ¼ oz., 75c.

**Cosmos**

Among the garden annuals that have come into prominence in recent years the Cosmos lead all. They continue to flower in the fall.

**EARLY FLOWERING.** Mixed. Pkt., 5c; ½ oz., 30c; oz., 50c.

**GIANT FLOWERING.** Mixed. Pkt., 5c; ½ oz., 25c; oz., 40c.

**GIANT FLOWERING PINK.** Pkt., 10c; ½ oz., 25c; oz., 40c.

**GIANT FLOWERING CRIMSON.** Pkt., 10c; ½ oz., 25c; oz., 40c.

**GIANT FLOWERING WHITE.** Pkt., 10c; ½ oz., 25c; oz., 40c.

**KLONDYKE ORANGE.** Pkt., 10c; ½ oz., 40c; oz., 75c.

**DOUBLE CRESTED.** Beautiful double crested flowers. Mixed colors. Pkt., 10c; ½ oz., 50c; oz., 80c.

**DOUBLE CRESTED PINK BEAUTY.** Pkt., 10c; ½ oz., 35c; oz., \$1.00.



Canterbury Bells.



Candytuft.



Double Crested Cosmos.



Calendula, Ball's Golden.

**Cheiranthus**

Also called Siberian Wallflower plant, 1 foot high, flowers dazzling, orange scarlet. Pkt., 10c; ½ oz., 30c; oz., 50c.

**Clarkia**

Excellent for beds or cut flowers. Erect, bushy plants, 2 feet in height.

**DOUBLE.** Mixed, all colors. Pkt., 5c; ½ oz., 30c; oz., 50c.

**RUBY KING.** Brilliant red. Pkt., 10c; ½ oz., 35c; oz., 60c.

**Cobaea Scandens**

(Cup and Saucer Vine)

A climber of rapid growth; large, bell-shaped flower. Pkt., 5c; ½ oz., 35c; oz., 60c.

**Cockscomb**

The finest type of the feathered cockscomb. Huge plumes of flowers.

**DWARF MIXED.** Pkt., 5c; ½ oz., 75c; oz., \$1.25.

**EMPRESS DWARF CRIMSON.** Pkt., 10c; ½ oz., \$1.00; oz., \$1.50.

**Columbine**

Easily grown, old-fashioned perennials for borders.

**MIXED.** Pkt., 5c; ½ oz., 40c; oz., 75c.

**LONG SPURRED.** Mixed colors. Pkt., 10c; ½ oz., 50c; oz., \$1.00.

**Coreopsis***Lanceolata Grandiflora*

One of the finest hardy garden plants grown, 2 to 3 feet high, producing immense, long stemmed, rich yellow flowers.

**DOUBLE YELLOW.** Pkt., 5c; ½ oz., 25c; oz., 40c.

**CORNFLOWER** (See Bachelor's Button).

**Chrysanthemum**

**DOUBLE CHOICE HYBRIDS.** Mixed. Pkt., 5c; ½ oz., 30c; oz., 50c.

**CORONARIUM, DOUBLE.** Mixed colors. Pkt., 5c; ½ oz., 25c; oz., 40c.

**Cypress Vine**

Rapid climber; fine for trellises and arbors.

**RED.** Pkt., 10c; ½ oz., 35c; oz., 50c.

**MIXED.** Pkt., 5c; ½ oz., 20c; oz., 30c.

**Dahlia**

**DOUBLE MIXED.** Pkt., 10c; ½ oz., \$1.00; oz., \$1.75.

**SINGLE MIXED.** Contains many desirable shades and markings. Pkt., 5c; ½ oz., 40c; oz., 75c.

**Daisy**

**DOUBLE MIXED DAISY.** Pkt., 10c; ½ oz., \$1.25; oz., \$2.00.

**SHASTA DAISY.** Pure white. Pkt., 10c; ½ oz., 75c; oz., \$1.25.

**AFRICAN DAISY.** Dimorphotheca Hybrid mixed colors. Pkt., 15c; ½ oz., 50c; oz., 90c.

**Delphinium**

(Hardy Larkspur)

Light blue, dark blue. Mixed colors. Pkt., 10c; ½ oz., 75c.



Columbine.



Foxglove.

**Gaillardia**

(Blanket Flower)

For beds or for cutting. Hardy annual, 2 feet.

**DAZZLER.** Perennial. Intense maroon red and yellow. Pkt., 10c; ½ oz., 50c; oz., 75c.**PICTA.** Annual. Mixed colors. Pkt., 5c; ¼ oz., 25c; ½ oz., 35c; oz., 60c.**BURGUNDY.** New coppery scarlet perennial. Pkt., 15c; ½ oz., 60c; oz., \$1.00.**INDIAN CHIEF.** Annual, bronzy red. Pkt., 10c; ½ oz., 30c; oz., 50c.**RED AND GOLD.** Annual. Single, bicolor. Pkt., 10c; ½ oz., 25c; oz., 45c.**Gilia**

Exceedingly graceful, known as Thimble flower. Pkt., 5c; ½ oz., 25c; oz., 40c.

**Gomphrena**

(Globe Amaranth)

Flowers resemble clover heads and when dried are used for winter bouquets.

**MIXED COLORS.** Pkt., 5c; ½ oz., 25c; oz., 40c.**PINK or VIOLET.** Pkt., 10c; ½ oz., 35c; oz., 55c.**Godetia**

An attractive annual; grows 2½ feet in height. Two colors, carmine and pink. Pkt., 10c; ½ oz., 60c; oz., \$1.00.

**Gourds**

A tribe of climbers with curiously shaped fruit. 10 to 12 feet high. Mixed. Pkt., 5c; ½ oz., 20c; oz., 35c.

**Gypsophila**

Graceful, free-flowering plant, excellent for cutting and mixing in bouquets.

**BABY'S BREATH.** Covent Garden Strain. White. Pkt., 5c; ½ oz., 15c; oz., 25c.**ROSEA.** Pink Gypsophila. Pkt., 5c; ½ oz., 20c; oz., 35c.**PERENNIAL.** White. Pkt., 10c; ½ oz., 50c; oz., 75c.**Heliotrope**

Will bloom as easily from seed as any of the common annuals. Mixed. Pkt., 10c; ½ oz., \$1.00; oz., \$1.50.

**Forget-Me-Not**

Six inches. Graceful flowers, mostly in shades of blue.

**MYOSOTIS.** Pkt., 5c; ½ oz., 50c; oz., 80c.**CHINESE FORGET-ME-NOT** (Cynoglossum).

Blue. Pkt., 5c; ½ oz., 30c; oz., 50c.

**CHINESE FORGET-ME-NOT.** White. Pkt., 5c; ½ oz., 30c; oz., 50c.**Foxglove**

(Digitalis)

Grows to the height of 3 to 4 feet, with dense spikes of brilliantly colored flowers.

**GLOXINIAFLORA.** Purple. Pkt., 10c; ½ oz., 35c.**GLOXINIAFLORA.** Showy spotted. Pkt., 10c; ½ oz., 35c.**FINEST MIXED.** Pkt., 5c; ½ oz., 30c; oz., 60c.**Four O'clock**

Hardy annual, 2 feet high. Mixed. Pkt., 5c; ½ oz., 10c; oz., 15c.



Gypsophila—Baby's Breath.

**Hyacinth or Jack Bean**

A rapid-growing annual climber; mixed; all colors. Pkt., 5c; ½ oz., 10c; oz., 15c.

**Hollyhocks**

Sow in April, May or June for next year's blooming.

**DOUBLE RED.** Pkt., 10c; ½ oz., 75c; oz., \$1.25.**DOUBLE PINK.** Pkt., 10c; ½ oz., 75c; oz., \$1.25.**DOUBLE WHITE.** Pkt., 10c; ½ oz., 75c; oz., \$1.25.**DOUBLE YELLOW.** Pkt., 10c; ½ oz., 75c; oz., \$1.25.**IMPERATOR.** Large fringed rosette flowers in charming color combinations. Pkt., 15c; ¼ oz., 75c; ½ oz., \$1.25; oz., \$2.00.**DOUBLE MIXED.** All colors. Pkt., 10c; ½ oz., 60c; oz., \$1.00.**Ice Plant**

A handsome and curious plant for hanging baskets, rock work and vases. Pkt., 5c; ½ oz., 35c; oz., 60c.

**Job's Tears**

An ornamental grass with curious shaped seeds; height 2 to 3 feet. Pkt., 5c; ½ oz., 15c; oz., 25c.

**Kochia or Burning Bush**

Grows quickly from seed sown. Resembles balls of fire. Makes a good summer hedge. Pkt., 5c; ½ oz., 20c; oz., 35c.

**Kudzu Vine**

A rapid growing hardy climber of great merit. Pkt., 10c; ½ oz., 50c; oz., 75c.

**Lantana**

Popular, free-blooming plants. Start seeds in the house or hotbed. Tender perennial. Height, 1½ feet.

**FINEST HYBRIDS MIXED.** Pkt., 10c; ½ oz., 40c; oz., 75c.**Larkspur**

For bedding, for growing among shrubbery and as cut flowers, larkspurs are strikingly beautiful. Early spring plantings will give blooms from July till frost. Height 2 feet, all double flowers.

**LA FRANCE.** Very bright pink with large blooms. Pkt., 10c; ½ oz., 50c; oz., 75c.**LOS ANGELES.** A pleasing shade of salmon-pink; new and very desirable. Pkt., 10c; ½ oz., 50c; oz., 75c.**MISS CALIFORNIA.** Deep salmon-pink. Pkt., 10c; ½ oz., 75c; oz., \$1.25.**DARK BLUE.** Pkt., 10c; ½ oz., 35c; oz., 50c.**SKY BLUE.** Pkt., 10c; ½ oz., 35c; oz., 50c.**DOUBLE WHITE.** Pkt., 10c; ½ oz., 35c; oz., 50c.**DOUBLE SCARLET.** Pkt., 10c; ½ oz., 35c; oz., 50c.**SHELL PINK.** Pkt., 10c; ½ oz., 35c; oz., 50c.**DOUBLE MIXED.** Pkt., 5c; ½ oz., 25c; oz., 40c.**BLUE BELL.** New azure blue, a beautiful variety and color. Pkt., 15c; ¼ oz., 75c; ½ oz., \$1.25; oz., \$2.00.**CARMINE KING.** New deep carmine-rose. Pkt., 10c; ¼ oz., 60c; ½ oz., \$1.00; oz., \$1.50.**ROSAMOND.** New rose self, very striking and showy, full double flowers. Pkt., 25c; ¼ oz., \$1.00; ½ oz., \$1.50; oz., \$2.50.**Lobelia Gracilis**

Very fine for hanging baskets and boxes. Pkt., 5c; ½ oz., 60c; oz., \$1.00.

**Lupin****TEXAS BLUE BONNET.** Very pretty blue flowers. Pkt., 10c; ½ oz., 20c; oz., 35c.**PERENNIAL LUPIN.** Mixed colors. Pkt., 10c; ½ oz., 25c; oz., 45c.

Larkspur.



Marigold, Prince of Orange.

### Marigold

Hardy annuals, in bloom till frost comes. **PRINCE OF ORANGE.** Rich deep golden-yellow. Pkt., 10c; ½ oz., 50c; oz., 90c.

**LEMON QUEEN.** Soft lemon-yellow. Pkt., 10c; ½ oz., 50c; oz., 90c.

**GUINEA GOLD.** Brilliant orange with double ruffled petals. Produces flowers 2 to 2½ inches across. Pkt., 10c; ¼ oz., 75c; ½ oz., \$1.25.

**TALL MIXED.** Immense flowers, double. Pkt., 5c; ½ oz., 25c; oz., 45c.

**DWARF AFRICAN DOUBLE.** Splendid for beds and borders, grows 12 to 18 inches in height. Pkt., 10c; ½ oz., 30c; oz., 50c.

**DWARF FRENCH DOUBLE MIXED.** Fine for edging. Mixed colors. Pkt., 5c; ½ oz., 30c; oz., 50c.

**DWARF MARIGOLD.** *Sig-nata Pumilla.* Striking, bright yellow flowers. Plant 10 in. high. Fine for edging. Pkt., 10c; ½ oz., 75c; oz., \$1.25.

### Mignonette

A well known hardy annual. Fragrant flowers.

**SWEET MIGNONETTE.** Pkt., 5c; ½ oz., 15c; oz., 25c.

### Moonflower

A beautiful climber. Tender annuals, 15 to 20 feet. Soak seed and plant in warm sunny place.

**GRANDIFLORA WHITE.** Pkt., 10c; ½ oz., 25c; oz., 45c.

**IMPROVED HEAVENLY BLUE.** Large and fragrant. Pkt., 10c; ½ oz., 50c; oz., 75c.

### Morning Glory

A hardy climbing annual, growing about 10 feet high. **CHOICE MIXED.** All colors. Pkt., 5c; oz., 10c.

**JAPANESE MIXED.** New, measuring from 4 to 5 inches across; great variety of colors. Pkt., 5c; ½ oz., 15c; oz., 25c.

**CLARK'S BLUE.** Very large size. Deep blue color. Very showy. Pkt., 10c; ½ oz., 30c; oz., 50c.

### Pansies

These popular flowers thrive best on a cool, moist but well drained soil. Seeds sown early will produce fine plants for summer blooming.

**MAMMOTH FLOWERING MIXED.** A special mixture of all Giant Pansies; contains an almost endless variety of shades. Pkt., 10c; ½ oz., 50c; ¼ oz., 75c; ½ oz., \$1.25.

**OVERTON PARK.** Gigantic in size, with a most beautiful color variation. A striking combination that will please you. Pkt., 20c; ½ oz., 75c; ¼ oz., \$1.25; ½ oz., \$2.00; oz., \$3.50.

**OREGON GIANT.** A fine mixture of the giant big flowered Pansy. Gorgeous in size and colors. Pkt., 20c; ½ oz., \$1.00; ¼ oz., \$1.50; ½ oz., \$2.50; oz., \$4.50.

**ROGLI GIANT.** Huge flowers in the finest combination of mixed colors. Compact and early. Pkt., 20c; ½ oz., \$1.00; ¼ oz., \$1.50; ½ oz., \$2.50; oz., \$4.50.

**CHOICE.** A splendid mixture. Pkt., 5c; ½ oz., 75c; oz., \$1.25.



Scarlet Gleam Nasturtium.



Petunias, Rosy Morn and Silver Blue.

## Nasturtiums

**GOLDEN GLEAM.** The plant forms a vigorous, large bush which throws out short runners, averaging eighteen inches. The large, golden yellow flowers average two and one-half to three inches across. They are borne on erect, stiff stems six inches in length. When well grown the remarkable formation of the petals gives the flowers a fully double appearance which is most attractive. Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; 1 lb., \$2.00.

**DOUBLE SCARLET GLEAM.** The flowers are a rich, fiery scarlet, dazzling in color and the double flowers are immense in size, almost three inches across—much larger than any other Nasturtium. The sweet fragrance is well pronounced. We have the Bodger's Genuine Scarlet Gleam. You surely want to plant them this season. The growth of bush is semi-dwarf. Price, pkt., 35c.

**DOUBLE GLEAM HYBRIDS.** Glorious flowers of salmon, golden yellow, orange, cerise, cream, crimson and flushed scarlet. Make a wonderful combination with the green foliage. The plants are semi-dwarf in growth and loaded with beautiful long-stemmed flowers in mixture. Price, pkt., 25c.

**GIANT FLOWERED DWARF NASTURTIUM.** Mixed colors. Pkt., 10c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.25.

**GIANT FLOWERED TALL NASTURTIUM.** Mixed colors. Pkt., 10c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.25.

**DWARF CHOICE MIXTURE.** Contains countless shades, colors, stripes, blotches and veinings. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 80c, postpaid.

**CHOICE TALL or TRAILING MIXED.** Large flowers, the plants producing a profusion of bloom. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 80c, postpaid.

### Nemophila

Also called Baby Blue Eyes, free-flowering annual; 1½ ft. high. Pkt., 5c; ½ oz., 25c; oz., 40c.

### NICOTIANA

Sweet Scented Tobacco plant, hybrida. Mixed pkt., 10c.

### Petunias

Petunias are one of the most popular annuals on account of their ease of cultivation and freedom of blooming, succeeding everywhere and giving a constant supply of flowers from June to October. Height 1½ feet.

**CHOICE SINGLE MIXED.** Good mixture of all free-blooming colors. Pkt., 5c; ¼ oz., 25c; oz., 75c.

**MAMMOTH FLOWERING.** Large flowering Grandiflora, all colors mixed. Pkt., 10c; ¼ oz., 50c; oz., \$1.25.

**GIANTS OF CALIFORNIA, MIXED COLORS.** A special strain of this popular giant flowered Petunia. Flowers up to 6 inches across and in many lovely shades. Pkt., 20c.

**DOUBLE MIXED.** Produces finest and largest blooms. Pkt., 25c.

**BALCONY.** A splendid large and free-flowering type, either for vases, hanging baskets or window boxes.

**Balcony Blue.** **Balcony Rose.**  
**Balcony White.** **Balcony Mixed.**

Pkt., 15c; ½ oz., 75c; ¼ oz., \$1.25.

**Blue Bee.** A beautiful Viola Jersey Gem color. Pkt., 10c; ½ oz., 50c; ¼ oz., 75c.

**Pink Gem.** First of a new race of miniature Petunias. Very deep pink. Pkt., 20c; ½ oz., 75c; ¼ oz., \$1.25.

**COUNTRESS OF ELLSMERE.** Single deep rose-pink with white throat; desirable bedding variety. Pkt., 10c; ¼ oz., 50c; oz., \$1.50.

**GENERAL DODD.** Single deep rich velvety red; fine bedder. Pkt., 10c; ¼ oz., 50c; oz., \$1.50.

**ROSE OF HEAVEN.** Dwarf sort; a rich pink color. Pkt., 10c; ¼ oz., 75c; oz., \$2.50.

**ROSY MORN.** Soft carmine-pink with white throat. Dwarf, compact, free-flowering and showy. Pkt., 10c; ¼ oz., 75c; oz., \$2.00.

**SILVER BLUE.** A dwarf Compacta Petunia of steel blue color. Pkt., 15c; ½ oz., \$1.00; ¼ oz., \$1.50.

**STRIPED AND BLOTCHED.** Includes striped or fine mixed flowers in a wide range of colors. Pkt., 10c; ¼ oz., 75c; oz., \$2.00.

**VIOLET PURPLE.** A beautiful shade of purple; very showy. Pkt., 10c; ¼ oz., 75c; oz., \$2.00.

**HOWARD'S STAR.** Distinct star-shaped. Mixed. Pkt., 10c; ¼ oz., 75c.

**DWARF COMPACTA PETUNIA.** Excellent for borders, flowers all summer, mixed colors. Pkt., 10c; ½ oz., 50c; ¼ oz., 75c.



Pansies, Mammoth Flowering Mixed.

### Phlox Drummondii

The annual Phlox occupies first place as a garden annual, being one of the most brilliant and most satisfactory plants which can be readily grown from seed.

**CHOICE MIXED.** Contains fine select varieties of this showy annual. Pkt., 5c;  $\frac{1}{2}$  oz., 50c; oz., 80c.

**MAMMOTH FLOWERING MIXED.** Pkt., 10c;  $\frac{1}{2}$  oz., 75c; oz., \$1.25.

**FIREBALL.** Flowers large, blood-red. Pkt., 10c;  $\frac{1}{4}$  oz., 50c.

**SNOWBALL.** Large, clear white flower. Pkt., 10c;  $\frac{1}{4}$  oz., 50c.

**STAR OF QUEDLINBURG.** Curiously pointed and blossoms having a star-like form, mixed colors. Pkt., 10c;  $\frac{1}{4}$  oz., 50c.

**PERENNIAL MIXED COLORS.** Pkt., 10c;  $\frac{1}{4}$  oz., 75c.

### Dwarf Phlox

Most excellent for borders or bedding. Plants dwarf, compact, 8 inches in height.

**DWARF PURPLE.**

**DWARF SCARLET.**

**DWARF MIXED COLORS.**

**DWARF SALMON SCARLET.**

**DWARF YELLOW.**

Pkt., 10c;  $\frac{1}{8}$  oz., 40c;  $\frac{1}{4}$  oz., 75c;  $\frac{1}{2}$  oz., \$1.25.

### Pinks (Dianthus)

Hardy and half-hardy biennials and perennials, but nearly all blooming the first year from seed; of easy culture.

**CHINA DOUBLE MIXED.** A beautiful combination of colors. Pkt., 5c; oz., 50c.

**DOUBLE DIADEM.** A most brilliant mixing of colors. Pkt., 5c;  $\frac{1}{2}$  oz., 35c; oz., 70c.

**HEDDEWIGI DOUBLE MIXED.** Flowers large and double and of brilliant colors. Pkt., 5c;  $\frac{1}{2}$  oz., 35c; oz., 60c.

**CLOVE PINK.** (Plumarius). Sweet-scented, spicy fragrance. They are excellent hardy plants. Pkt., 10c;  $\frac{1}{2}$  oz., 60c; oz., \$1.00.

**PHEASANT'S EYE OR GRASS PINK.** A hardy perennial pink. Pkt., 10c;  $\frac{1}{2}$  oz., 60c; oz., \$1.00.

**SWEET WIVELSFIELD.** Blooms the first season from seed. A showy variety in many colors. Pkt., 10c;  $\frac{1}{4}$  oz., 35c;  $\frac{1}{2}$  oz., 60c; oz., \$1.00.



Mammoth Flowered Phlox.

### Physostegia

(False Dragonhead)

Attractive in foliage and flower. Perennial, lavender, pink. Pkt., 10c;  $\frac{1}{2}$  oz., 75c; oz., \$1.25.

### Platycodon

Large bell-shaped flowers, plants 12 to 15 inches high, an excellent perennial for cutting. Blue flowers. Pkt., 10c;  $\frac{1}{4}$  oz., 50c;  $\frac{1}{2}$  oz., 75c.

### Portulaca

Also called Rose Moss. Annual. 6 inches.

**SINGLE MIXED.** Pkt., 5c;  $\frac{1}{2}$  oz., 35c; oz., 60c.

**DOUBLE MIXED.** Pkt., 10c;  $\frac{1}{4}$  oz., 75c.



Double Salmon Rose Poppy.



Double Pinks.

### Poppies

Of easy culture and they furnish some of the most brilliant colors in the garden. Being very hardy, they can be sown as early in the spring as the ground is in working order.

**DOUBLE RED.** Fine scarlet shade. Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 50c.

**DOUBLE PINK.** Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 50c.

**FLANDERS.** Vivid red, well known Poppy of Flanders. Pkt., 10c;  $\frac{1}{2}$  oz., 35c; oz., 50c.

**DOUBLE SALMON ROSE.** A showy rose-pink color. Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 50c.

**DOUBLE CARDINAL.** Pkt., 10c;  $\frac{1}{2}$  oz., 35c; oz., 60c.

**DOUBLE FINE MIXED.** Combination of all varieties. Pkt., 5c;  $\frac{1}{2}$  oz., 20c; oz., 35c.

**DOUBLE CARNATION FLOWERED.** Pkt., 5c;  $\frac{1}{2}$  oz., 15c; oz., 25c.

**DOUBLE PEONY FLOWERED.** Mixed. Pkt., 5c;  $\frac{1}{2}$  oz., 15c; oz., 25c.

**SHIRLEY.** Single, beautiful colors mixed. Pkt., 5c;  $\frac{1}{2}$  oz., 20c; oz., 35c.

**DOUBLE SHIRLEY.** A new double Shirley, mixed. Pkt., 10c;  $\frac{1}{2}$  oz., 35c; oz., 60c.

**FORDHOOK HYBRIDS.** Pkt., 5c;  $\frac{1}{2}$  oz., 20c; oz., 35c.

**JAPANESE POMPON.** Double mixed. Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 45c.

### Perennial Poppy

**MIXED ORIENTAL.** Pkt., 10c;  $\frac{1}{2}$  oz., 50c; oz., 75c.

**SCARLET ORIENTAL POPPY.** Pkt., 10c;  $\frac{1}{2}$  oz., 45c; oz., 75c.

**ICELAND PERENNIAL.** Mixed colors. Pkt., 10c;  $\frac{1}{2}$  oz., 50c; oz., 80c.

**SUNBEAM ICELAND POPPY.** Mixed. Pkt., 15c;  $\frac{1}{2}$  oz., 60c; oz., \$1.00.

### California Poppy (Eschscholtzia)

This is the state flower of California. It is very desirable for every flower garden, hardy, annual, one foot high.

**GOLDEN WEST.** Bright golden yellow.

**SALMON BEAUTY.** Rich salmon-pink.

**THE GEISHA.** Gold-orange and crimson.

Price, above three varieties: Pkt., 10c;  $\frac{1}{4}$  oz., 20c;  $\frac{1}{2}$  oz., 35c; oz., 50c.

**MIXED COLORS.** Rich in crimson, pink and orange-scarlet shades.

Pkt., 5c;  $\frac{1}{4}$  oz., 15c;  $\frac{1}{2}$  oz., 25c; oz., 35c.

### Pyrethrum

**ROSEUM.** The Painted Daisy. A charming flower. Double varieties. Pkt., 15c;  $\frac{1}{4}$  oz., 75c; 1 oz., \$1.50.

### Rudbeckia

Free flowering hardy perennial, also called Coneflower, golden yellow with black center. Pkt., 10c;  $\frac{1}{4}$  oz., 50c;  $\frac{1}{2}$  oz., 75c.

### Salpiglossis

These annuals have showy large, funnel-shaped flowers. Mixed colors. Pkt., 5c;  $\frac{1}{2}$  oz., 60c; oz., \$1.00.

### Salvia or Scarlet Sage

Start early indoors and transplant in May; or sow outdoors later in a light rich soil. Soak seeds before planting.

**CLARA BEDMAN.** Flowers of a most brilliant scarlet. Pkt., 10c;  $\frac{1}{4}$  oz., 75c;  $\frac{1}{2}$  oz., \$1.25.

**SPLENDENS.** (Scarlet Sage). The scarlet variety. Pkt., 10c;  $\frac{1}{4}$  oz., 60c;  $\frac{1}{2}$  oz., \$1.00.

**ZURICH.** Very compact flowers. Most brilliant crimson. Pkt., 10c;  $\frac{1}{8}$  oz., 40c;  $\frac{1}{4}$  oz., 70c;  $\frac{1}{2}$  oz., \$1.35.

**PATENS.** (Blue Sage). In color this is as blue as the "Scarlet Sage" is red. Tender perennial, 2 feet. Pkt., 10c;  $\frac{1}{4}$  oz., 75c;  $\frac{1}{2}$  oz., \$1.25.

### Scabiosa (Mourning Bride)

A very showy, hardy annual. Very easy to grow. Mixed. Pkt., 5c;  $\frac{1}{2}$  oz., 35c; oz., 60c.

**GIANT HYBRIDS (Isaac House Strain).** Large double flowers borne on long stems. Splendid for cutting. Colors range from light lavender to dark blue. Choice mixed. Pkt., 15c.

### Scarlet Runner Vine

A great favorite as an ornamental climber. Pkt., 5c; oz., 10c.

### Sensitive Plant

The lace-like leaves close when touched. Quite a curiosity. Pkt., 10c;  $\frac{1}{4}$  oz., 30c;  $\frac{1}{2}$  oz., 50c; oz., 75c.

### Snapdragon (Antirrhinum)

Whether used for cutting or for show in the garden, it is one of the most valuable flowers grown. Seed sown the first week in May will bloom from July until frost.

**MAJUS NANUS, CRIMSON.** A rich crimson Snapdragon. Pkt., 10c; ½ oz., \$1.25.

**MAJUS NANUS, GOLDEN QUEEN.** Beautiful golden-yellow. Pkt., 10c; ½ oz., \$1.25.

**MAJUS NANUS, SILVER PINK.** Satiny pink. Pkt., 10c; ½ oz., \$1.25.

**DWARF MIXED.** Many colors Pkt., 10c; ½ oz., 75c; oz., \$1.25.

**TALL MIXED.** Many colors. Pkt., 5c; ½ oz., 35c; oz., 60c.



Snapdragon.



Snow-on-the-Mountain.

### Snow-on-the-Mountain (Euphorbia)

Used as a background for low-growing plants, 2 feet high. Pkt., 5c; ½ oz., 30c; oz., 50c.

### Statice

Also called Sea Lavender and belongs to the Thrift family.

**CHOICE MIXED STATICE.** Pkt., 5c; ½ oz., 20c; oz., 35c.

**SEPARATE COLORS.** Deep rose, true blue, deep yellow. Pkt., 10c; ½ oz., 25c; oz., 40c.

### Stocks

Useful annuals for bedding, borders, cut flowers and pot culture.

**LARGE FLOWERING TEN WEEKS.** A fine large-flowering strain of many colors. Pkt., 10c; ½ oz., 60c; oz., \$1.00.

**DOUBLE PERFECTION.** Very large-flowering, double fragrant flowers, mixed colors. Pkt., 10c; ¼ oz., 40c; ½ oz., 75c; oz., \$1.25.

### Strawflower (Helichrysum)

A hardy annual of the easiest culture; one of our best "Everlasting" flowers, the dried double blooms being very handsome in winter bouquets; 2 feet. Separate colors: Crimson, pink, purple, yellow. Pkt., 10c; ¼ oz., 25c; ½ oz., 40c; oz., 60c.

**MIXED STRAWFLOWER.** Pkt., 5c; ¼ oz., 20c; ½ oz., 35c; oz., 50c.

### Schizanthus

Also known as the Poor Man's Orchid. Valuable for garden decoration or pot culture; 15 to 20 inches in height. Annual, mixed colors. Pkt., 5c; ¼ oz., 25c; ½ oz., 40c; oz., 60c.

## R. - H. Co., 's Sweet Peas

**Culture:** Sow in January, February, and March, cover seed 3 to 4 inches; thin plants so they stand 2 to 3 inches apart in row.

### R.-H. Co.'s Mixed Spencers

Our own combination comprising all the most desirable colors including many new varieties that will produce giant flowers, satisfaction guaranteed. Pkt., 5c; oz., 15c; 2 ozs., 25c; ¼ lb., 50c; ½ lb., 75c; 1 lb., \$1.25, postpaid.

### Best Large Flowering Grandiflora Mixed

This is a special blend of the old-fashioned Grandiflora Sweet Pea and consists of the better named varieties of this type. Pkt., 5c; oz., 10c; 2 ozs., 15c; ¼ lb., 30c; ½ lb., 50c; 1 lb., 85c; postpaid.

### Early Flowering Mixed Spencers

These bloom earlier than the standard Spencers, a rare combination of the early flowering sorts in mixture. Pkt., 10c; oz., 20c; 2 ozs., 35c; ¼ lb., 65c; ½ lb., \$1.25; 1 lb., \$2.00, postpaid.

### Cupid Mixed

These grow compact, dwarf and are showy, very pretty. Pkt., 10c; oz., 25c; 2 ozs., 35c; ¼ lb., 65c; ½ lb., \$1.25; 1 lb., \$2.00, postpaid.

### Perennial Mixed

The hardy type, also called the Everlasting Sweet Peas, red and white colors. Pkt., 10c; ½ oz., 25c; oz., 45c; 2 ozs., 75c; ½ lb., \$1.25, postpaid.

### Named Spencer Sweet Peas

Pkt., 10c; oz., 20c; 2 ozs., 35c; ¼ lb., 65c; ½ lb., \$1.25; 1 lb., \$2.00, postpaid.  
**Austin Frederick.** Pure lavender.  
**Avalanch.** Large white.  
**Charity.** Rich Carmine.  
**Celebrity.** Bright orange.  
**Chieftan.** Deep mauve.  
**Fortune.** Purple-blue.  
**Glen Eagles.** Light lavender.  
**Idyl.** Salmon-pink.  
**Miss California.** Deep pink.  
**Olympia.** Rich purple.  
**Picture.** Pink-apricot.  
**Pinkie.** Rose-pink.  
**Red Boy.** Deep crimson.  
**Rosabella.** Giant rose.  
**Smiles.** Salmon shaded.  
**The Sultan.** Black-maroon.  
**Welcome.** Bright scarlet.

### Special Offer

One packet each of any above 5 varieties .....\$0.33  
 One packet each of any above 10 varieties ..... .65  
 One packet each of any above 17 varieties ..... 1.00

### Special Varieties Spencer Sweet Peas

Pkt., 15c; oz., 35c; 2 ozs., 60c; ¼ lb., \$1.00; ½ lb., \$1.75; 1 lb., \$3.25, postpaid.

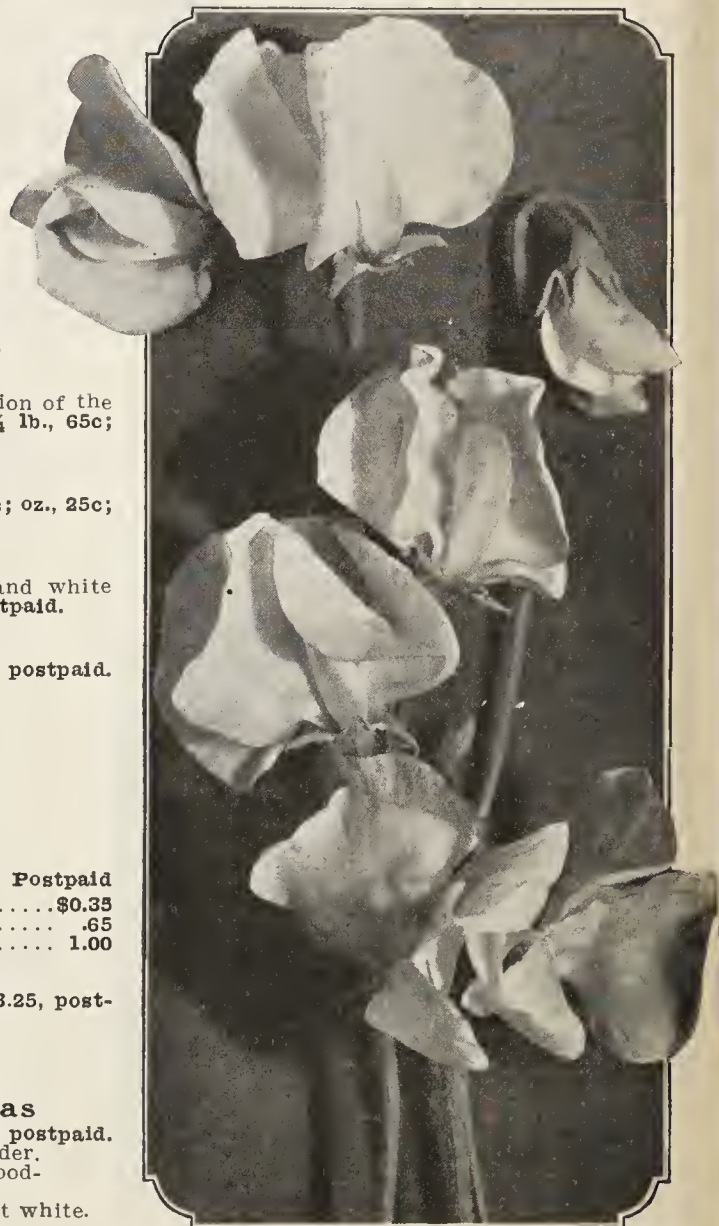
**Ecstasy.** Blush pink.  
**Master Cream.** Cream-yellow.

Special offer: 2 pkt., one of each, 25c; 6 pkts., 3 of each, 50c.

### Named Early Flowering Spencer Sweet Peas

Pkt., 15c; ½ oz., 25c; oz., 45c; 2 ozs., 80c; ¼ lb., \$1.25; 1 lb., \$4.50, postpaid.  
**Early Amethyst.** Rich purple.  
**Early Giant Rose.** Rose-pink.  
**Early Attraction.** Begonia-pink.  
**Early Blue Bird.** Clear blue.  
**Early Fortyniner.** Bright orange.  
**Early Harmony.** Clear lavender.  
**Early Queen Crimson.** Oxblood-crimson.  
**Early White Harmony.** Finest white.

One packet each of above 8 varieties only 80c, postpaid.



Spencer Sweet Peas.

**Sunflower**

Large and showy yellow flowers; hardy annuals.  
**DOUBLE DWARF.** 4 ft. Pkt., 5c;  $\frac{1}{2}$  oz., 25c; oz., 40c.  
**GLOBE OF GOLD.** 4  $\frac{1}{2}$  feet. Pkt., 5c;  $\frac{1}{2}$  oz., 20c; oz., 35c.  
**DOUBLE TALL.** 7 feet. Pkt., 5c;  $\frac{1}{2}$  oz., 20c; oz., 35c.

**Sweet Sultan**

Beautiful scented blooms. Height 2  $\frac{1}{2}$  feet.  
**CENTAUREA IMPERIALIS.** Sweet Sultan. Pkt., 5c;  $\frac{1}{2}$  oz., 30c; oz., 50c.  
**CENTAUREA MOSCHATA.** Sweet Sultan. Pkt., 5c;  $\frac{1}{2}$  oz., 25c; oz., 40c.

**Sweet William**

If sown early will bloom the following fall; fall sowings bloom the next summer. Height 1  $\frac{1}{2}$  ft.  
**NEWPORT PINK.** Solid pink, large flowers. Pkt., 10c;  $\frac{1}{8}$  oz., 25c;  $\frac{1}{4}$  oz., 35c;  $\frac{1}{2}$  oz., 50c.  
**SINGLE.** Mixed. Pkt., 5c;  $\frac{1}{2}$  oz., 30c; oz., 50c.  
**DOUBLE.** Mixed. A mammoth-flowered type. Pkt., 10c;  $\frac{1}{2}$  oz., 35c; oz., 60c.

**Texas Blue Bonnet**

Flowers delightful blue, charming bushy plants. Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 35c.

**Torenia**

Excellent for beds; flowers blue, touched with gold, plant 10 inches in height. Pkt., 10c;  $\frac{1}{8}$  oz., 30c;  $\frac{1}{4}$  oz., 50c.

**Tithonia**

A rare plant from Mexico, grows tall, fine for back ground of beds. Also known as the Mexican Sunflower. Pkt., 20c;  $\frac{1}{8}$  oz., 35c;  $\frac{1}{4}$  oz., 60c.

**Thunbergia**

A climber, 3 to 5 feet high, with pale yellow or orange-yellow flowers, having a distinct black center. Tender annual. Pkt., 10c;  $\frac{1}{2}$  oz., 40c; oz., 75c.

**Venidium Fastuosum**

Deep orange daisy-like flowers, 4-5 ins. across with double row of petals marked at the center with reddish brown. Plants 2-3 ft. blooming over a long period. Pkt., 25c;  $\frac{1}{8}$  oz., 75c;  $\frac{1}{4}$  oz., \$1.25.

**Vinca**

Commonly called Periwinkle. Handsome bushy plants, with glossy foliage and round single flowers.

**MIXED COLORS.** Pkt., 10c;  $\frac{1}{2}$  oz., 60c; oz., \$1.00.  
**ALBA.** Pure white. Pkt., 10c;  $\frac{1}{2}$  oz., 75c; oz., \$1.25.  
**ROSEA.** Pink. Pkt. 10c;  $\frac{1}{2}$  oz., 75c; oz., \$1.25.



Verbena.



Tithonia.

**Viola**

Also known as Tufted Pansies. Mixed colors. Pkt., 10c;  $\frac{1}{2}$  oz., 50c; oz., 90c.

**Wallflower**

Very conspicuous in beds or borders. Single mixed. Pkt., 5c;  $\frac{1}{2}$  oz., 30c; oz., 50c.

**Wild Cucumber Vine**

Ornamental climbing cucumber with curious fruit. Pkt., 5c;  $\frac{1}{2}$  oz., 20c; oz., 35c.

**Wild Flower Garden Mixture**

Not a tame garden of wild flowers, but a wild garden of tame flowers. Pkt., 5c;  $\frac{1}{2}$  oz., 15c; oz., 25c;  $\frac{1}{4}$  lb., 75c; 1 lb., \$2.00.

**Verbenas**

Are indispensable for bedding purposes, borders and window boxes. Flowers of most brilliant colors, blooming from early summer till late fall. Soak a few hours and sow in boxes indoors, transplanting when an inch high or sow outside in April.

**BEAUTY OF OXFORD.** Immense rosy red blossoms. This is the hardy type; with a slight protection they live from year to year. Pkt., 15c;  $\frac{1}{8}$  oz., 50c;  $\frac{1}{4}$  oz., 75c.

**CARDINAL GIGANTEA.** New cardinal-scarlet with white eye. Pkt., 15c;  $\frac{1}{8}$  oz., 40c;  $\frac{1}{4}$  oz., 60c.

**LAVENDER GLORY.** New shade of lavender, gigantic flowers. Pkt., 15c;  $\frac{1}{8}$  oz., 50c;  $\frac{1}{4}$  oz., 75c.



Pompon Zinnias.

**HELEN WILLMOTT.** New shade of deep pink, very showy. Pkt., 15c;  $\frac{1}{8}$  oz., 40c;  $\frac{1}{4}$  oz., 60c.  
**LUMINOSA.** Mammoth pink. Pkt., 15c;  $\frac{1}{8}$  oz., 35c;  $\frac{1}{4}$  oz., 50c.

**SALMON PINK.** A beautiful shade, produces giant flowers. Pkt., 10c;  $\frac{1}{8}$  oz., 30c;  $\frac{1}{4}$  oz., 50c.  
**SPECTRUM RED.** A new variety, the most gorgeous intense bright red shade. Pkt., 25c;  $\frac{1}{8}$  oz., 60c;  $\frac{1}{4}$  oz., \$1.00.

**MAMMOTH PINK.** Pkt., 10c;  $\frac{1}{2}$  oz., 75c.

**MAMMOTH BLUE SHADES.** Pkt., 10c;  $\frac{1}{2}$  oz., 75c.

**MAMMOTH CRIMSON.** Pkt., 10c;  $\frac{1}{2}$  oz., 75c.

**MAMMOTH PURPLE.** Pkt., 10c;  $\frac{1}{2}$  oz., 75c.

**MAMMOTH WHITE.** Pkt., 15c;  $\frac{1}{2}$  oz., 75c.

**CHOICE MIXED.** Embraces all colors. Pkt., 5c;  $\frac{1}{2}$  oz., 50c; oz., 80c.

**GIANT MIXED.** The clusters are of mammoth size. Pkt., 10c;  $\frac{1}{2}$  oz., 75c; oz., \$1.25.

**DWARF COMPACTA.** Most desirable for edging or rock gardens. Very compact, erect plant. 10 inches in height. Pkt., 15c;  $\frac{1}{8}$  oz., 35c;  $\frac{1}{4}$  oz., 50c.

**Pompon or Baby Zinnias**

For border effects, the small flowered Zinnias are most popular. They bloom in great profusion and the blossom is held well up above the foliage. The colors are most brilliant and showy. Most of these so-called Dwarf Zinnias form bushes about 15 to 18 inches high.

**GOLDEN GEM.** Yellow. Pkt., 10c;  $\frac{1}{4}$  oz., 35c; oz., \$1.00.

**RED RIDING HOOD.** Bright red. Pkt., 10c;  $\frac{1}{4}$  oz., 35c; oz., \$1.00.

**SALMON ROSE.** Pink shade. Pkt., 10c;  $\frac{1}{4}$  oz., 35c; oz., \$1.00.

**SCARLET GEM.** Rich scarlet. Pkt., 10c;  $\frac{1}{4}$  oz., 35c; oz., \$1.00.

**PURPLE GEM.** Rich purple. Pkt., 10c;  $\frac{1}{4}$  oz., 35c;  $\frac{1}{2}$  oz., 60c; oz., \$1.00.

**WHITE GEM.** Snow white. Pkt., 10c;  $\frac{1}{4}$  oz., 35c; oz., \$1.00.

**MIXED POMPONS.** Pkt., 10c;  $\frac{1}{4}$  oz., 30c; oz., 90c.

**Tom Thumb or Lilliput Zinnias**

Plant 4 to 6 inches, compact, covered with well formed flowers of the Lilliput type, colors range through red, orange, pink, pastel, yellow, rose and other shades mixed. Pkt., 10c;  $\frac{1}{4}$  oz., 35c;  $\frac{1}{2}$  oz., 60c; oz., \$1.00.

**Mexican Hybrid Zinnia**

A very dwarf variety, bear small, double flowers of unusual colorings. Make a beautiful border. 12 inches in height. Mixed colors. Pkt., 10c;  $\frac{1}{4}$  oz., 35c;  $\frac{1}{2}$  oz., 60c; oz., \$1.00.

**New Pinkie Rosebud Zinnia**

Grows 15 to 18 inches. Covered with a mass of Pumila type cut-and-come-again beautiful rose-pink flowers. Pkt., 10c;  $\frac{1}{4}$  oz., 35c;  $\frac{1}{2}$  oz., 60c.

**Early Wonder Cerise-Pink Zinnia**

Dwarf in growth. Flowers a bright fiery cerise-pink with salmon shading. Pkt., 10c;  $\frac{1}{4}$  oz., 50c;  $\frac{1}{2}$  oz., 75c; oz., \$1.25.

# Russell-Heckle's Zinnias

Few garden annuals are more thoroughly satisfactory than Zinnias, particularly in recent years. Greatly improved, larger flowering and more brilliantly colored strains have been developed. Plant early in rows 1½ to 2 feet apart and cover seeds about ¼ inch deep, or start indoors and transplant outside when the ground is warm. Zinnias can be sown as late as July and they will produce fine large flowers in the fall.

## California Giant Zinnias

The great advantage of this magnificent type is its enormous flat double flowers, sometimes measuring 7 inches in diameter, getting away from the conical shape and stiffness that has been the only objection to Zinnias in the past. They are twice the size of ordinary Giants, prolific bloomers, have great color range and make good cut flowers from early bud to late bloom. In separate colors.

Price of any of the following separate varieties: Pkt., 10c; ¼ oz., 35c; ½ oz., 60c; 1 oz., \$1.00.

**Brightness.** Brightest clear pink.  
**Cerise Queen.** Beautiful cerise-rose.  
**Daffodil.** Canary-yellow, new.  
**Enchantress.** Rose with deep center.  
**Grenadier.** Bright dark red.  
**Lavender Gem.** Deep lavender.  
**Lemon Queen.** Golden yellow.  
**Miss Willmott.** Soft rich pink.  
**Orange King.** Orange-scarlet.  
**Orange Queen.** Golden orange.  
**Purity.** The best clear white.  
**Rose Queen.** Brightest rose, striking.  
**Salmon Queen.** Beautiful salmon-pink.  
**Scarlet Gem.** Glowing deep scarlet.  
**Violet Queen.** Very deep purple.

## Special Offer

One packet each of above separate color California Giant Mammoth Zinnias, regular value \$1.50 for only \$1.00, postpaid.

**MIXED CALIFORNIA GIANT MAMMOTH ZINNIAS.** All the glorious colors. Pkt., 10c; ¼ oz., 30c; ½ oz., 50c; 1 oz., 80c.

## Cactus Flowered Zinnia

The petals are rolled into long tubes causing a resemblance to a fine quilled-petalled cactus dahlia. Mixed. Pkt., 10c; ½ oz., 50c; 1 oz., 80c.



California Giant Zinnia.

## Dahlia-Flowered Zinnias

This new giant flowered type has petals which overlap in such a manner as to give the flowers the appearance of a decorative Dahlia.

Price of any of the following 14 varieties of Dahlia-Flowered Zinnias: Pkt., 10c; 6 pkts., 50c; ½ oz., 75c; 1 oz., \$1.25, postpaid.

**BUTTERCUP.** An immense deep creamy yellow flower.

**CANARY BIRD.** A delicate shade of primrose. Very large, holding its color well until out of bloom. A free bloomer.

**CRIMSON MONARCH.** Immense size, bright crimson-scarlet.

**DREAM.** A fine deep lavender, turning to purple. A rare and extremely pleasing shade.

**EXQUISITE.** A pleasing shade of rose color, one of the finest pinks.

**ATTRACTION.** A distinct shade of brick-red.

**GOLDEN STATE.** Rich golden-yellow, shading to orange.

**ILLUMINATION.** Very bright red, large and showy.

**LUMINOSA.** A charming bright deep pink, suffused with salmon.

**OLD ROSE.** A beautiful dark salmomy-red or old rose.

**ORIOLE.** An immense orange and gold bicolor. A beautiful variety.

**POLAR BEAR.** Extra large, pure white; no other variety will equal it.

**PURPLE PRINCE.** Fine deep purple, large and well formed.

**SCARLET FLAME.** A large, beautiful, bright scarlet with a blending of orange throughout the petal.

**R.-H. CO.'S MIXED DAHLIA-FLOWERED ZINNIA.** Our special mixture of this new type of Zinnia is made up from the separate colors. Pkt., 10c; 3 pkts., 25c; ½ oz., 60c; 1 oz., \$1.00, postpaid.

## Crown of Gold Zinnia

This new Dahlia-Flowered Zinnia is simply indescribable. Each petal of the flower is overlaid with a deep golden yellow at the base, while carrying out the individual flower color at the tip. The effect is a pleasing two-tone color harmony, especially lovely and scintillating under artificial light. The color range comprises the more popular shades, including old rose, cream, yellow, carmine, pink and burnishing red, the latter a new shade in Zinnias.

**DESERT GOLD.** Yellow shade overlaid with deeper golden-yellow. Pkt., 25c; ¼ oz., 75c; ½ oz., \$1.50; 1 oz., \$2.50.

**CROWN O'GOLD MIXTURE.** Pkt., 10c; ¼ oz., 50c; ½ oz., 75c; 1 oz., \$1.25.

## Curled and Crested Zinnias

Petals twisted, curled and crested into fantastic and graceful forms. Pkt., 10c; ¼ oz., 60c.

## Double Picotee Zinnias

Contains many exquisite colors, each flower petal being tipped with a contrasting color. Free flowering plants 2 feet tall. Pkt., 10c; ½ oz., 50c; 1 oz., 75c.

## Pumila Picotee Delight Zinnias

A beautiful strain. Petals curled, picotee markings.

**SALMON ROSE.** Pkt., 10c; ¼ oz., 40c; ½ oz., 60c.

**MIXED.** Pkt., 10c; ¼ oz., 30c; ½ oz., 50c.

## Scabiosa-Flowered Zinnias

A new form, the outside petals are similar to the Scabiosa or Pincushion Flower. They are distinct and novel in appearance. Plants 2 to 2½ feet. Mixed colors. Pkt., 15c; 1 oz., 50c; ¼ oz., 75c; ½ oz., \$1.25; 1 oz., \$2.00.

## Double Tall Mixed Zinnias

Double, varieties, making an elegant mixture for groups, beds, borders, etc. Pkt., 5c; ½ oz., 25c; 1 oz., 40c.

## R.-H. Co.'s California Mammoth Zinnia Collection

On receipt of price, we will send you one packet each of these California Mammoth Zinnias.

10 Separate Varieties and Colors.

Brightness. Pink.	Daffodil. Yellow.	For 60c Postpaid
Grenadier. Red.	Lavender Gem. Only	
Orange King.	Purity. White.	
Rose Queen.	Salmon Queen. Reg. Value,	
Violet Queen.	Scarlet Gem. \$1.00.	

# Everblooming Roses

All two-year field grown hardy plants, No. 1 Grade.

Set out Roses very early in the spring before the sap rises. They will be sure to grow and will bloom the first season. Remember, these are all heavy outdoor grown plants, two years old and they will please you. All Roses will be pruned ready for planting.

Price any variety each, 40c; 3 for \$1.10; 6 for \$2.00; 12 for \$3.75. By mail, each, 50c; 3 for \$1.25; 6 for \$2.25; 12 for \$4.15.

## BUSH VARIETIES

Briarcliff. Silver pink.  
Chas. K. Douglas. Large crimson.  
Columbia. Pink.  
Duchess of Luxembourg. Orange.  
E. G. Hill. Maroon-velvet.  
Etoile de France. Red.  
Francis Scott Key. Crimson.  
Golden Ophelia. Golden yellow.  
Golden Dawn. Deep golden.  
Gruss an Teplitz. Maroon crimson.  
Hadley. Deep scarlet.  
Helen Gould. Beautiful pink.  
J. J. L. Mock. Pink.  
K. A. Victoria. White.  
Killarney. Pink.  
Killarney. White.  
Lady Ashton. Rich pink.  
Lady Hillingdon. Yellow.  
Los Angeles. Coral.

## BUSH VARIETIES

Mme. Butterfly. Pink and yellow.  
Mrs. Chas. Bell. Pink.  
Mad. Carolina Testout. Satiny pink.  
Ophelia. Salmon.  
Pink Cochet. Pink.  
Radiance. Pink.  
Red Radiance. Red.  
Souv. Georges Pernet. Scarlet.  
Sunburst. Orange.  
White Ophelia. Snow white.

## CLIMBERS

Cl. American Beauty. Red.  
Cl. American Pillar. Pink.  
Cl. Paul's Scarlet. Red.  
Cl. Silver Moon. White.  
Cl. Dr. W. Van Fleet. Flesh.  
Cl. Crimson Rambler.



Pink Radiance.

## New Monthly Blooming Roses

2-year field grown, No. 1 grade.

Each, 45c; 3 for \$1.25; 6 for \$2.25; 12 for \$4.00. By mail, each, 55c; 3 for \$1.40; 6 for \$2.50; 12 for \$4.40.

## BUSH VARIETIES

Betty Uprichard. Salmon.  
Dame Edith Helen. Pink.  
Lady Margaret Stewart. Orange.  
Margaret McGredy. Oriental red.  
Miss Rowena Thom. Rose-pink.  
Mrs. E. P. Thom. Lemon-yellow.  
Mme. Edouard Herriott. Orange-pink.  
Pres. Herbert Hoover. Yellow veined pink.  
Rev. F. Page-Roberts. Yellow, veined pink.  
Talisman. Golden red-pink.  
Willowmere. Shrimp-pink.



Joanna Hill.

## Exceptional Monthly Blooming Roses

2-year field grown, No. 1 grade.

Each, 50c; 3 for \$1.45; 6 for \$2.75; 12 for \$4.75. By mail, each, 60c; 3 for \$1.60; 6 for \$3.00; 12 for \$5.20.

## BUSH VARIETIES

Autumn. Orange splashed red.  
Etoile de Hollande. Crimson.  
Edith Nellie Perkins. Cerise.  
Joanna Hill. Indian yellow.  
Mrs. Pierre S. Dupont. Reddish gold.  
Olympiad. Vivid scarlet.  
Roslyn. Orange-yellow.  
Wilhelm Kordes. Salmon-pink and orange.

## CLIMBING VARIETIES

Cl. Marechal Niel. Yellow.  
Cl. Red Radiance. Red.  
Cl. Columbia. Pink.  
Cl. Talisman. Pink and gold.  
Cl. K. A. Victoria. White.  
Cl. Lady Ashton. Pink.  
Cl. Pres. Herbert Hoover. Gold and pink.  
Cl. Renie M. Henrietta. Cherry.

## SPECIAL ROSE OFFER

5 Two Year No. 1 Everblooming Rose Bushes. \$1.60

One each, Pink, Orange, Red, Yellow and White named varieties, our selection, individually tagged as to name.

Only \$1.60; by mail, \$1.80.



President Herbert Hoover.

## Hybrid Perpetual Roses

Price same as everblooming varieties.

American Beauty. Rich crimson.  
Frau Karl Druschki. Pure large white.  
Gen. Jacqueminot. Rich scarlet.  
Paul Neyron. Large pink.  
Ulrich Brunner. Cherry red.

## Baby or Polyantha Roses

Price any variety, each, 45c; 3 for \$1.25; 6 for \$2.25; 12 for \$4.00. By mail, each 55c; 3 for \$1.40; 6 for \$2.50; 12 for \$4.40.

Baby Doll. Scarlet with rose base.  
Crimson Baby. Brightest red.  
Golden Salmon. Reddish orange.  
Ideal. Dark scarlet.

## USE TRI-O-GEN

For Black Spot, Blight, Aphis, Red Spider, and other insects on your roses. Tri-O-Gen will not harm the foliage and does not discolor the plant.

This new preparation is a combined spray that does the work all at one spraying.

Small Kit makes 16 qts. .... \$1.50  
Medium Kit makes 64 qts. .... 4.00  
Large Kit makes 32 gals. .... 6.00

(F.O.B. Memphis)

ASK FOR CIRCULAR ON TRI-O-GEN



W. H. Phipps.

## Gladiolus

**Culture**—Gladioli will thrive in almost any good soil except a stiff clay. They require full sunlight and are liable to injury only from rank manure. Plant the bulbs 6 to 9 inches apart, the large ones 4 inches and the small ones 2 inches deep. Make an early planting of the smallest bulbs first as soon as the ground is sufficiently dry and warm. Continue to plant at intervals of two weeks during the spring and early summer; in this way a succession of bloom may be had from mid-summer until frost.

### Ten New Gladiolus

Something different, all large improved varieties, some of the late introductions that are far superior to the older kinds.

Price any variety named below, doz., 60c; 50 for \$1.95; 100 for \$3.25, postpaid. Not prepaid, doz., 50c; 50 for \$1.75; 100 for \$3.00.

Chas. Dickens. Deep violet.  
Commander Koehl. Dark red.  
Dr. Nelson Shook. Rosy carmine.  
Marmora. Mauve gray.  
Minuet. Large lavender.  
Mrs. P. W. Sisson. Light pink.  
Pfitzer's Triumph. Orange scarlet.  
Purple Glory. Maroon purple.  
Veilchenblau. Violet blue.  
W. H. Phipps. Rich pink.

Three each, above 10 varieties, \$1.25, postpaid.

Five each, above 10 varieties, \$1.85, postpaid.

Ten each, above 10 varieties, \$3.00, postpaid.

### Six Standard Gladiolus

Prices uniform as follows: Doz., 40c; 50 for \$1.20; 100 for \$2.00, postpaid. Not prepaid, doz., 30c; 50 for \$1.00; 100 for \$1.75.

Alice Tiplady. Orange saffron.  
E. J. Shaylor. Rose pink.  
Los Angeles. Shrimp pink.  
Mrs. Frank Pendleton. Pink, white throat.  
Orange Queen. Orange yellow.  
Virginia. Fine red.

#### SPECIAL OFFER

Two each, above 6 varieties, 35c, postpaid.

Five each, above 6 varieties, 70c, postpaid.

Ten each, above 6 varieties, \$1.60, postpaid.

### Two Special Varieties

Doz., \$1.10; 25 for \$1.90; 100 for \$6.75, postpaid. Not prepaid, doz., \$1.00; 25 for \$1.75; 100 for \$6.50.

**PICARDY.** Soft shrimp pink with blotch of light pink, 7 to 10 open flowers 6 inches across on tall, strong spike. A perfect color, giant in size.

**HEAVENLY BLUE.** The grandest shade of blue you can imagine. A beautiful distinct color, that will make a gorgeous show.

### Ten Extra Good Gladiolus

Prices uniform as follows: Doz., 50c; 50 for \$1.45; 100 for \$2.50, postpaid. Not prepaid, doz., 40c; 50 for \$1.25; 100 for \$2.25.

Belinde. Large cream.

Betty Snow. Orchid pink.

Dr. F. E. Bennett. Bright red.

Gold Eagle. Early yellow.

Golden Dream. Deep yellow.

Lilly White. Fine white.

Mrs. E. H. Bothin. Light pink.

Mrs. Leon Douglass. Rose, striped scarlet.

Rose Ash. Smoky lavender.

Ruth Huntington. Violet pink.

#### SPECIAL OFFER

Three each of above ten varieties, 90c, postpaid.

Five each of above ten varieties, \$1.30, postpaid.

Ten each of above ten varieties, \$2.35, postpaid.

### Mixed Gladiolus

**FANCY BLENDED MIXTURE.** A beautiful combination of all colors properly blended. Doz., 50c; 50 for \$1.45; 100 for \$2.50, postpaid. Not prepaid, doz., 40c; 50 for \$1.25; 100 for \$2.25; 500 for \$10.00; 1000 for \$16.00.

**EXHIBITION MIXTURE.** A wide range of colors that will make a gorgeous show. Doz., 45c; 50 for \$1.20; 100 for \$2.00, postpaid. Not prepaid, doz., 35c; 50 for \$1.00; 100 for \$1.75; 500 for \$7.50; 1000 for \$14.00.

**GOOD MIXTURE.** All standard varieties. Doz., 25c; 50 for 95c; 100 for \$1.75, postpaid. Not prepaid, doz., 20c; 50 for 75c; 100 for \$1.50; 500 for \$6.50; 1000 for \$12.00.

**PRIMULINUS MIXTURE.** Called the Butterfly Gladiolus. Doz., 35c; 50 for \$1.20; 100 for \$2.00, postpaid. Not prepaid, doz., 25c; 50 for \$1.00; 100 for \$1.75; 1000 for \$14.00.

## Dahlias

**Time of Planting**—The time for planting Dahlias varies quite a good deal, according to the locality. In the Southern states tubers may be set out as early as April 1st, and from then until the middle of May.

### Special Dahlias

These will raise immense flowers if given proper attention. All the following are of the decorative, and informal type.

**EDNA FERBER.** Coral to gold. Each, 45c; by mail, 55c.

**FORT MONMOUTH.** Claret-red. Each, 60c; by mail, 70c.

**KATHLEEN NORRIS.** Large true pink. Each, 60c; by mail, 70c.

**MONMOUTH CHAMPION.** Deep orange. Each, 75c; by mail, 85c.

**ROMAN EAGLE.** Burnished copper. Each, 35c; by mail, 45c.

**STARLIGHT.** Pure golden yellow. Each, 75c; by mail, 85c.

**THE MONSTER.** Yellow edged pink. Each, 60c; by mail, 70c.

**THE PEER.** Rosy salmon-pink. Each, 60c; by mail, 70c.

**THOS. A. EDISON.** Royal purple. Each, 75c; by mail, 85c.

**WHITE PERFECTION.** Purest white. Each, 50c; by mail, 60c.

**Special Offer:** One each above ten special Dahlias, postpaid, \$4.20; not prepaid, \$3.90.

### Standard Dahlias

Decorative types except where noted.

**BARBARA REDFERN.** Old rose and gold. Each, 25c; by mail, 35c.

**BLUE STOCKING.** Cactus bluish purple. Each, 15c; by mail, 25c.

**CANTEEN.** Shrimp pink. Each, 15c; by mail, 25c.

**CRIMSON BEAUTY.** Rich crimson. Each, 20c; by mail, 30c.

**GENOVENA.** Pure yellow. Each, 15c; by mail, 25c.

**JOPPA.** Rose and apricot. Each, 20c; by mail, 30c.

**JANE COWL.** Buff and gold. Each, 30c; by mail, 40c.

**JERSEY BEAUTY.** Finest pink. Each, 20c; by mail, 30c.

**LAVENDER KING.** Lavender. Each, 20c; by mail, 30c.

**MRS. I. DE VER WARNER.** Mauve. Each, 15c; by mail, 25c.

**PATRICK OMARA.** Orange-buff. Each, 20c; by mail, 30c.

**PRIDE OF CALIFORNIA.** Crimson-red. Each, 15c; by mail, 25c.

**SNOWDRIFT.** Fine white. Each, 20c; by mail, 30c.

**STRADELLA.** Ball, deep rose. Each, 15c; by mail, 30c.

**Special Offer:** One each above fourteen Dahlias, postpaid, \$2.20; not prepaid, \$2.00.



Thos. A. Edison.

### Pompon Dahlias

Postpaid, each, 20c; not prepaid, each, 15c.

**CATHERINE.** Pure yellow.

**DARKEY.** Maroon-purple.

**JESSICA.** Yellow tip red.

**LITTLE BEAUTY.** Mauve-pink.

**SNOWCLAD.** Pure white.

#### DAHLIAS—UNNAMED VARIETIES

**PINK, PURPLE, WHITE, RED, MAROON, and YELLOW.** Postpaid, each, 15c; 2 for 25c; 6 for 75c. Not prepaid, each, 10c; 6 for 50c.

# Canna Bulbs

For a brilliant show all summer there is no plant excelling the Canna; it even surpasses the Geranium in its gorgeous display of brilliant colors, blooming continuously from the time of planting until cut down by frost. Plant 18 inches apart each way.

- HUNGARIA.** The new pink Canna with green foliage, a beautiful shade of rose-pink. 4 feet. Doz., 85c; 50, 2.75, postpaid. Not prepaid, Doz., 75c; 50, \$2.50; 100, \$4.75.
- KINK HUMBERT.** Orange-scarlet, bronze foliage, 4 feet. Doz., 50c; 50, \$1.75, postpaid. Not prepaid, doz., 40c; 50, \$1.50; 100, \$2.75.
- THE PRESIDENT.** Bright crimson, very large flower, deep green foliage. 4 feet. Doz., 50c; 50, \$1.75, postpaid. Not prepaid, doz., 40c; 50, \$1.50; 100, \$2.75
- YELLOW KING HUMBERT.** Yellow dotted red, green foliage. Height 4 feet. Doz., 50c; 50, \$1.75, postpaid. Not prepaid, doz., 40c; 50, \$1.50; 100, \$2.75.

## SPECIAL OFFER

30 Canna Bulbs, only \$1.00, Postpaid.  
Ten each: Hungaria, President and King Humbert; regular value, \$1.50.

# Caladiums or Elephant Ears

Caladiums are most effective plants in cultivation for beds or for planting out upon the lawn.

	Not Postpaid		Postpaid	
	Each	Doz.	Each	Doz.
Large Bulbs	\$.10	\$0.75	\$0.15	\$1.00
Mammoth Bulbs	.15	1.20	.20	1.50
Giant Size	.20	2.00	.30	2.40

# Giant Amaryllis

One of the most beautiful, surest to flower and most easily handled of all bulbs. A single stem will produce from one to three lily-like flowers, six inches in diameter. Plant one bulb in a 6-inch pot, water sparingly until the flower shoots appear.

**JOHNSONI.** Crimson flower, each petal striped white. Each, 35c; 6 for \$1.40, postpaid. Not prepaid, each, 25c; 6 for \$1.20.

# Tuberoses

**DOUBLE PEARL.** Plant in open ground in April or as soon as the ground becomes warm. Plant bulbs every three weeks for a succession of blossoms all summer. Doz., 45c; 50, \$1.50, 100, \$2.50, postpaid. Not prepaid, doz., 35c; 50, \$1.25; 100, \$2.25.

**ARMSTRONG'S EVERBLOOMING.** A single sweet scented, early blooming variety: blooms longer than the double. Doz., 45c; 50, \$1.50; 100, \$2.60, postpaid. Not prepaid, Doz., 35c; 50, \$1.25; 100, \$2.25.



Canna, The President.



Peony, Festiva Maxima.

# Peonies

Adapted for massing in beds, and particularly valuable for planting in groups throughout the perennial or shrubby border. An important point to observe in the planting of Peonies is not to plant too deep. The roots should be placed so that the crowns are covered with 2 inches of soil. Too deep planting is a frequent cause of shy flowering. Prices all varieties uniform as follows. Each, 30c; 6 for \$1.25; 12 for \$2.25, postpaid. Not prepaid, each, 20c; 6 for \$1.10; 12 for \$2.00.

## Named Peonies

- ALBERT CROUSSE.** Fine shell-pink, free bloomer and beautiful.
- EDULIS SUPERBA.** Very early, bright clear pink.
- FESTIVA MAXIMA.** This is the finest white.
- FELIX CROUSSE.** Dazzling ruby-red; large.
- KARL ROSENFELD.** Velvety crimson; blooms of semi-rose type; very showy, beautiful flower.
- COURONNE d'OR.** Large white with cream-yellow center.
- MADAME CALOT.** Blush white with silvery pink. Free bloomer.
- MONS. JULES ELIE.** Glossy lilac-pink; fine bloomer.

## SPECIAL OFFER

One each of the above named Peonies, regular price \$1.70, sent postpaid, \$1.60.

# Lilies

Bulbs should be planted as soon as the frost is out of the ground; the earlier the better. Select well drained spot, dig the soil deep and make it fine, enriching it abundantly with well rotted cow manure, adding a liberal mixture of sand. Set the bulbs from 5 to 7 inches deep.

- REGAL LILY.** A real beauty, with large white flowers shading to yellow in the center, with a faint tinge of pink at the edges. Each, 25c; 6 for \$1.20; doz., \$2.10, postpaid. Not prepaid, each, 20c; 6 for \$1.00; doz., \$1.80.
- LILIUM AURATUM** (The Golden Band Lily of Japan). The flowers are pure white, while through the center of each petal runs a clear golden band. Each, 30c; 6 for \$1.45; doz., \$2.30, postpaid. Not prepaid, each, 25c; 6 for \$1.25; doz., \$2.00.
- LILIUM RUBRUM.** Petals are thickly dotted with rose or crimson spots. Each, 40c; 6 for \$1.95; doz., \$3.60, postpaid. Not prepaid, each, 35c; 6 for \$1.75; doz., \$3.25.
- TIGER LILIES.** Bright orange and red, spotted black. Very showy. Each, 20c; 6 for 85c; doz., \$1.40, postpaid. Not prepaid, each, 15c; 6 for 75c; doz., \$1.25.

# Montbretias

These are quite hardy and should be planted in early spring. Each, 15c; 6 for 60c; doz., 90c, postpaid. Not prepaid, each, 10c; 6 for 50c; doz., 75c.

# Madeira Vine

A favorite climber with dense, shiny green foliage and of rapid growth. Vines run 25 to 30 feet. Each, 15c; 6 for 60c; doz., \$1.00, postpaid. Not prepaid, each, 10c; 6 for 50c; doz., 85c.

Delicious  
Apple.



## Apple Trees

All prices quoted are f. o. b. nursery unless stated otherwise.  
Price, trees, 4 to 5 ft., each, 35c; 10 for \$3.00; 100 for \$27.50.  
Price, trees, 2 to 3 ft., 10 for \$2.50; 100 for \$16.00, f. o. b. nursery.

**EARLY HARVEST.** Medium size, pale yellow, juicy. May and June.

**YELLOW TRANSPARENT.** Greenish yellow skin; white flesh. One of the earliest to ripen. May and June.

**RED JUNE.** Deep red skin; white flesh, tender and very juicy. June and July.

**YELLOW HORSE.** Large, greenish yellow skin, flesh acid, July and August.

**DELICIOUS.** Fruit large and easily identified by its sheep-nose shape. Skin dark red, flesh fine-grained. Late fall.

**GRIMES GOLDEN.** Large size, golden-yellow.

**STAYMAN WINESAP.** Skin dark red, flesh crisp and juicy. October.

**WINESAP.** Good quality, dark red skin, crisp, sub-acid flesh. September and October.

**HYSLOP CRAB.** Large, dark fruit. Tree very productive.

## Peach Trees

Price, trees, 4 to 6 feet., each, 35c; 10 for \$3.00; 100 for \$25.00.  
Price, trees, 2 to 3 ft., 10 for \$2.00; 100 for \$15.00, f. o. b. nursery.

**MAYFLOWER.** Medium size, red skin, firm flesh. Freestone.

**RED BIRD.** Extremely early, a money-maker. Flesh is creamy white of fine firmness. The outside skin is brightest red, highly colored.

**EARLY ROSE.** Early. Fruit fair sized, highly colored. Cling.

**ARP BEAUTY.** Medium size, yellow skin touched with red. Flesh yellow. Free.

**GREENSBORO.** Skin white with red cheek, flesh white and juicy. Free.

**CARMAN.** Large size. Flesh creamy white tinged with red. Freestone.

**EARLY ELBERTA.** Larger than Elberta. Flesh yellow, fine grained. Free.

**HILEY.** Large size, white skin tinted red, white flesh. Freestone.

**BELLE OF GEORGIA.** Fruit large, skin white with red cheek. Flesh white. Free.

**CHINESE CLING.** Fruit large, skin white with red cheek. Reliable.

**ELBERTA.** Well known. Large size, flesh yellow and juicy. Freestone.

**INDIAN CLING.** Large size, flesh red, streaked with white.

**J. H. HALE.** Large size, skin deep red, flesh yellow. Freestone.

**HEATH CLING.** Fruit of large size, flesh white and juicy.

**KRUMMEL'S LATE.** Large, round, skin yellow with red cheek. Freestone.

## Pear Trees

Price, trees, 4 to 5 ft., each, 50c; 10 for \$4.00; 100 for \$35.00.  
Price, trees, 2 to 3 ft., 10 for \$2.50; 100 for \$20.00.

**BARTLETT.** Best of the eating Pears. Large size, skin yellow with red blush.

**EARLY HARVEST.** Very early, golden-yellow, sweet and juicy.

**LE CONTE.** Fair sized, yellow, bell-shaped. Tree bears young.

**SECKEL.** Small, yellowish brown. Flesh very sweet.

**KIEFFER.** Large size, skin golden yellow with blushed cheek.

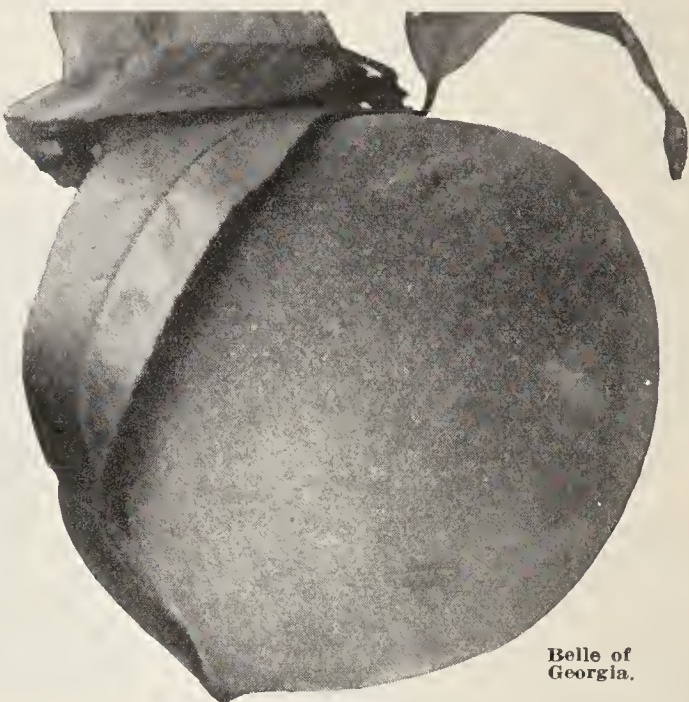
**PINEAPPLE.** Practically blight-proof. Very desirable.

## Miscellaneous Trees

Average height of trees 3 to 4 feet.

	Each	10
APRICOT. Early Golden, Royal .....	\$0.40	\$3.50
MULBERRY. Hicks' Everbearing Downing .....	.40	3.50
QUINCE. Orange, Meech Prolific .....	.50	4.50
NECTARINE. Boston, Red Roman .....	.45	4.00

1935 CALENDARS FREE WITH ORDERS. ASK FOR ONE.



Belle of  
Georgia.

## Cherry Trees

Price, trees, 3 to 4 ft., each, 50c; 10 for \$4.00.

**GOVERNOR WOOD.** (Sweet). Medium size, pale yellow with pink flesh.

**EARLY RICHMOND.** (Sour). Medium size, bright red. Ripens last of May.

**LARGE MONTMORENCY.** (Sour). Larger than Early Richmond and ripens about ten days later. Bright red.

**BLACK TARTARIAN.** (Sweet). Fruit large, black, heart-shaped.

## Grafted Pecans

2 to 3 ft. trees, each, 60c; 10 for \$5.00; 100 for \$40.00.  
3 to 4 ft. trees, each, 75c; 10 for \$6.50; 100 for \$50.00.

**SCHLEY.** Finest for eating. Nuts long, thin-shelled, well filled.

**STUART.** Nuts of good size; shell medium thin.

**SUCCESS.** Resembles Stuart, but larger. Nuts thin-shelled.

## Spray Fruit Trees

If you want perfect fruit, free of worms, you must spray your fruit trees. See page 57 for information on spraying and the materials to use.

## Strawberries



Blakemore.

Set in March and April in rows  $3\frac{1}{2}$  feet wide and 15 inches apart in row. We can furnish any of the following varieties, but they will be shipped separate from any other trees or plants on our list. Plants ready in March.

**PRICES.** Each variety uniform as follows: 100 for 90c; 200 for \$1.40; 500 for \$2.50; 1000 for \$3.50, postpaid. Not prepaid, 100 for 75c; 200 for \$1.20; 500 for \$2.25; 1000 for \$3.00.

**AROMA.** Large size, dark red and sweet.

**BLAKEMORE.** Red, very early and of fine flavor.

**EXCELSIOR.** Extra early, one of the best drought resisters.

**KLONDYKE.** A shapely, dark red berry of uniform size.

## Everbearing Strawberry Plants

**PROGRESSIVE.** The world's greatest everbearing strawberry. In size and quality Progressive heads the list. 50 for 90c; 100 for \$1.45; 200 for \$2.50; 500 for \$4.35; 1000 for \$7.00, postpaid. Not prepaid, 50 for 75c; 100 for \$1.25; 200 for \$2.25; 500 for \$4.00; 1000 for \$6.50.

## Raspberry Plants

Price, any of following varieties: 10 for 80c; 50 for \$2.75; 100 for \$4.50, postpaid. Not prepaid, 10 for 70c; 50 for \$2.50; 100 for \$4.00.

**CUMBERLAND.** Large, firm, oval-shaped berry.

**CUTHBERT.** Large berry, red, and juicy.

**KANSAS.** Jet black, does well in this section.

**ST. REGIS.** Medium sized fruit, bright red.

## Blackberry Plants

**PRICE,** either of following varieties: 10 for 75c; 50 for \$2.75; 100 for \$4.50, postpaid. Not prepaid, 10 for 60c; 50 for \$2.50; 100 for \$4.00.

**EARLY HARVEST.** Extra early. Good quality.

**ELDORADO.** Large, sparkling black fruit.

## Dewberry Plants

We can supply two varieties. **AUSTIN** and **LUCRETIA.** 10 for 75c; 50 for \$2.75; 100 for \$5.00, postpaid. Not prepaid, 10 for 60c; 50 for \$2.50; 100 for \$4.50.

## Grape Vines

Strong 2-year vines, each, 20c; 5 for 90c; 10 for \$1.50; 100 for \$12.50.

One-year vines, 10 for \$1.25; 100 for \$8.50.

Prices f. o. b. nursery.

**CONCORD.** Berry large, blue-black in color. Very sweet.

**DELAWARE.** Berry small, red. Very fine flavor.

**MOORE'S EARLY.** Extra early, black grape. Ripens two weeks ahead of Concord.

**NIAGARA.** Large, white. Fruit tender, skin tough.

**WORDEN.** Extra large, black, sweet.

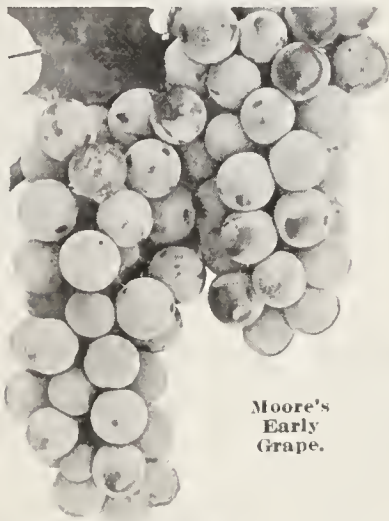
**LUTIE.** A delicious red grape, sweet and juicy. Price 2-yr. vines, each, 25c; 10 for \$2.00.

## Scuppernong Grapes

Two-year vines, each, 50c; 5 for \$2.25; 10 for \$4.00.

**JAMES.** Large, black fruit borne in clusters of ten to twenty berries.

**BRONZE.** Small sized clusters of dark red fruit. Excellent flavor.



Moore's Early Grape.



Brown Turkey Fig.



St. Regis Red Raspberry.

## CERTIFICATE OF INSPECTION

Issued annually by the Tennessee State Entomologist, showing freedom of our stock from San Jose Scale and other injurious insects and diseases, will be attached to every shipment.

Terms are strictly cash. F. O. B. growing station. No trees shipped C. O. D.

## Plum Trees

**PRICE:** Trees 4 to 5 ft., each, 45c; 5 for \$2.00; 10 for \$3.50.

**PRICE:** Trees 2 to 3 ft.,

10 for \$2.50; 100 for \$20.00.

**ABUNDANCE.** Large, Amber in color, changing to red. Ripens a week later than Red June.

**BURBANK.** Fruit large, deep red overlaying a yellow ground. Flesh deep yellow and very sweet July.

**RED JUNE.** Deep red skin, light yellow flesh, sub-acid. A semi-cling, ripening in June and July.

**SHROPSHIRE DAMSON.** The most desirable preserving variety. Ripens August.

## Asparagus Roots

**MARY WASHINGTON.** Strong 2-year roots. Doz., 40c; 50 for \$1.00; 100 for \$1.80, postpaid. Not prepaid doz., 30c; 50 for 75c; 100 for \$1.50; 200 for \$2.50; 500 for \$6.00; 1000 for \$10.00.

## Horseradish Roots

Large, strong cuttings. Doz., 35c; 50 for \$1.10; 100 for \$2.00, postpaid. Not prepaid, doz., 30c; 50 for \$1.00; 100 for \$1.75.

## Rhubarb Roots

Two-year roots Each, 25c; 6 for \$1.20; 12 for \$1.80, postpaid. Not prepaid, each, 20c; 6 for \$1.00; 12 for \$1.50.

## Fig Bushes

3 to 4 ft., each 50c; 5 for \$2.25; 10 for \$4.00.

$1\frac{1}{2}$  to 2 ft., each 35c; 5 for \$1.50; 10 for \$2.50.

**BROWN TURKEY.** Fruit fair sized, pear-shaped, skin coppery-brown. Very hardy.

**CELESTIAL.** Small, violet colored. Very prolific, sweet and of excellent quality. Hardest of all Figs.

**BLUEBERRY PLANTS.** Genuine rabbit's eye. Fine for pies and jellies. Each, 75c; 3 for \$2.00, postpaid. Not prepaid, each 60c; 3 for \$1.60.



Snowball.

## Broad-Leaf Evergreens

	Each	10
ABELIA grandiflora. 2 to 3 ft. ....	\$.35	\$ 3.00
EUONYMOUS JAPONICA. 2 ft.,....	.85	7.50
GARDENIA. (Cape Jasmine). 1½ to 2 ft. ....	1.25	10.00
CHERRY LAUREL. 3 to 4 ft. ....	1.00	9.00
LIGUSTRUM NEPAL (Privet). 2 ft. ....	1.25	11.00
LIGUSTRUM lucidum. 1½ to 2 ft. ..	1.25	10.00
MAHONIA. (Oregon Holly). 1½ to 2 ft. ....	1.25	10.00
NANDINA domestica. 1½ to 2 ft. ....	.85	7.50

### CONIFEROUS EVERGREENS

Write for prices, stating varieties wanted.

## Hedge Plants

- AMOR RIVER PRIVET.** Almost entirely evergreen. Upright; dark green leaves. 18 to 24-inch. 25 for \$1.25; 100 for \$3.50.
- CALIFORNIA PRIVET.** Leaves dark green. May be trimmed as desired. 18 to 24-inch. 25 for \$1.00; 100 for \$3.00.

## Flowering Shrubs

Two year strong plants.	Each	10
ALTHEA. Bush form. Red, pink, white .....	\$0.25	\$2.00
BERBERIS. (Japanese Barberry) .....	.25	2.00
BERBERIS. Red Leaved .....	.35	3.00
BUTTERFLY BUSH. (Buddleia) .....	.25	2.00
CALYCANTHUS. ....	.25	2.00
CREPE MYRTLE. Pink, red, purple, white .....	.50	4.00
CYDONIA. (Japan Quince) .....	.25	2.00
FORSYTHIA. (Golden Bell) .....	.25	2.00
DEUTZIA. Pride of Rochester. ....	.25	2.00
HYDRANGEA. White. Hills of Snow .....	.35	3.00
HYDRANGEA PANICULATA .....	.35	3.00
HYPERICUM. (Gold Flower) .....	.35	3.00
LILAC. White and purple .....	.25	2.00
LONICERA (Bush Honeysuckle). 2 to 3 ft. ....	.25	2.00
PHILADELPHUS. (Mock Orange) .....	.25	2.00
PHILADELPHUS. Vignal .....	.35	3.00
RHUS. Aromatic Sumac .....	.30	2.50
SALVIA Autumn Sage .....	.45	3.50
SNOWBALL. White .....	.35	2.50
SPIREA. Bridal Wreath .....	.30	2.50
SPIREA. Anthony Waterer .....	.25	2.00
SPIREA. Thunbergi .....	.25	2.00
SPIREA. Van Houtte .....	.25	2.00
SPIREA. Froebeli. Pink .....	.35	2.50
SPIREA BILLIARDI ROSEA. Pink .....	.25	2.00
WEIGELA. Eva Rathke. Red .....	.35	3.00
WEIGELA. Rosea. Pink .....	.30	2.50
WEIGELA. Crimson .....	.40	3.50

## Ornamental and Shade Trees

	Each
AMERICAN RED BUD. 4 to 5 ft. ....	\$0.85
AMERICAN ELM. 6 to 8 ft. ....	.75
DOGWOOD. Red flowering. 3 to 4 ft. ....	1.50
DOGWOOD. White flowering .....	1.00
ELM. Chinese. Rapid grower. 6 to 8 ft. ....	1.25
FLOWERING PEACH. Red, pink, white. 4 to 5 ft. ....	.75
FLOWERING CRAB. (Malus). 4 to 5 ft. ....	1.00
FLOWERING JAPANESE CHERRY. 4 to 5 ft. ....	2.00
FLOWERING PURPLE LEAF PLUM. 4 to 5 ft. ....	.75
GINKGO MAIDENHAIR TREE. 4 to 5 ft. ....	1.75
MAPLE Silver. 8 to 10 ft. ....	1.00
MAPLE. Sugar. 8 to 10 ft. ....	2.00
MAPLE. Norway. 8 to 10 ft. ....	2.00
POPLAR. Lombardy. 8 to 10 ft. ....	1.00
REDBUD. American. 4 to 5 ft. ....	.85
REDBUD. Japanese. 3 to 4 ft. ....	.85



Chinese Elm.

## Hardy Climbing Vines

	Each
AMERICAN BITTER SWEET. Celastrus Scandens .....	\$0.45
BOSTON IVY. Bright green leaves .....	.40
CLEMATIS PANICULATA. Small white .....	.50
CLEMATIS JACKMANI. Large purple ..	.60
CLEMATIS HENRYI. Red .....	.50
HALL'S HONEYSUCKLE. White to yellow. ....	.35
KUDZU VINE. Rapid growing, purple ..	.25
WISTERIA. Purple. Lavender flowers ..	.40
WISTERIA. White. White flowers ....	.40

## Seed Sowers

### Cyclone Broadcast Seed Sower



Will sow Timothy, Clover, Lespedeza, Oats, Rye, Wheat, Millet, Grass Seeds, Peas, Sorghums, etc. Works perfectly; has an agitating feed plate which insures a uniform flow of seed. Each, \$2.25; by parcel post, \$2.45.

### Cahoon Broadcast Seed Sower

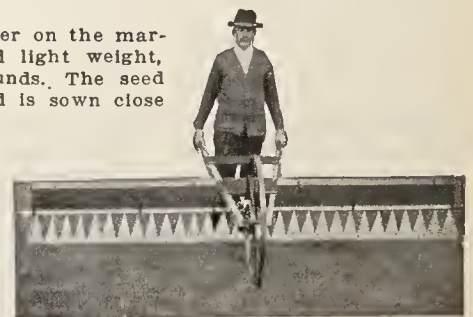
One of the best seeders manufactured, and sows all kinds of grain, Clover seeds, Lespedeza, etc. Very strong and durable. Each, \$3.75; by parcel post, \$4.00.



### Thompson's Wheelbarrow Seeder

The fastest grass seeder on the market. Easy running and light weight, complete, only 50 pounds. The seed is never bunched. Seed is sown close to ground, hence the wind does not blow it.

No. 3 Double Hopper. 14 feet in length, having an extra deep hopper, is the best for sowing Lespedeza seed in addition to sowing Alfalfa, Clovers, Millet, Timothy, Grasses, etc. Each, \$13.50.



### The Horn Seed Sower

A splendid little tool. Will sow any fine seed like Clover, Lespedeza, Timothy, Alfalfa and Grasses. Each, 90c; by parcel post, \$1.00.

# Flower Pots Garden Tools

Asparagus Knife, No. 219, each .....\$0.45

## Baskets

	Each	Doz.
½ bu. wire bale, picking	\$0.15	\$1.50
1 bu. slide handle, stave	.10	1.15

## Corn Planters

	Each
One hand adjustable	\$1.70
Two hand adjustable	1.25

## Cotton Pick Sacks

8 oz. Osnaburg heavy material

4½ ft., each	\$0.65	7½ ft., each	\$0.90
6 ft., each	.75	9 ft., each	.95

## Flower Hanging Baskets

12 inch, each, 25c; mailed, 35c.  
15 inch, each, 40c; mailed, 50c.

## Flower Pots

	Doz.	100	Each	Doz.
2½ inch	\$0.24	\$1.50	6 inch	\$0.08 \$0.90
3 inch	.30	1.75	7 inch	.12 1.35
4 inch	.35	2.50	8 inch	.20 2.25
5 inch	.60	4.50	10 inch	.35 4.00
12 inch				.75 8.00

## Flower Pot Saucers

6 inch, each...\$0.05 8 inch, each...\$0.12  
7 inch, each... .07 10 inch, each... .20



## Paper Flower Pots Black Neponset

	100	1000
2¼ inch	\$0.60	\$4.20
2½ inch	.65	4.75
3 inch	.75	5.75
4 inch	1.00	9.00

## Black Neponset Plant Bands

	100	1000
2 inch	\$0.40	\$2.15
3 inch	.50	3.90

## Plant Bands with Containers

	Each
12 2-inch bands and container	\$0.15
10 containers and bands	1.20

## Garden Hoes

1 pt. Onion Hoe	\$0.45
2 pt. Onion Hoe	.50
6½ inch Garden Hoe	.75
3½ inch Sou. Queen Hoe	.95
The Wonder Hoe	1.50
Dig A Pick Hoe	.75
Handee Hoe	.75

## Grass Hooks

	Each
No. 5 Boston	\$0.35
No. 3 Offset	.45

## Garden Dibbles

Steel point for setting plants, each ..\$0.50

## Grass Shears

	Each
No. 90, 14-inch	\$0.30
No. 5 Pratt Lever	.75

## Garden Spades and Forks

	Each
Blue Jay Garden Spades	\$0.95
4 Prong Garden Fork	1.75
1 Prong Potato Hook	1.00

## Garden Trowels

No.	Each
P-6 Trowel, Pratts	\$0.15
T-4 Trowel, Garden	.10
T-5 Trowel, Transplanting	.10
T-15 Trowel, long handle	.30
T-8 6-inch Aluminum transplanting	.40
F-30 Garden Fork	.35

## Garden Rakes

12 tooth S. C. steel, each .....\$0.60

## GARDEN CLUB FLOWER SHEARS

New. Snips and holds the flower at one operation. Holds stem and saves hands. Specially priced, 59c pair; by mail, 74c.

## Hand Garden Cultivator

	Each
5 Prong Invinelble	\$1.15
No. 4 Garden Set, 4 pieces	1.50

## Hand Forks and Weeders

	Each
No. 30, 4-tine Hand Fork	\$0.40
No. W-6 Weeder	.10

## Hand Pea Shellers

Shells green field or garden peas, field peas, butterbeans. Rapid and convenient. Each, \$1.25.

## Hedge Shears

	Each
No. 106 6-inch	\$1.00
No. 108 8-inch	1.50
No. 109 9-inch	2.00
No. S.T.08 8-inch extra heavy	2.25

## Pot or Plant Labels, Cypress

	100	1000
4-in., 1 1/16 in. wide, plain	\$0.40	\$2.25
4-in., 1 1/16 in. wide, painted	.45	2.50
6-in., 1 1/16 in. wide, painted	.50	2.75
10-in., 1 1/16 in. wide, painted	.75	4.50
18-in., 2 3/4 in. wide, painted		
doz., 40c	3.00	

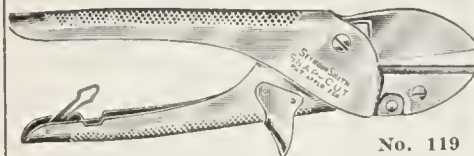
## Plant Stakes

	Doz.	100
Green Bamboo, 4 ft.	\$0.20	\$0.90
	Doz.	
No. 234, 2-ft. Steel Plant Supports	\$1.20	
No. 235, 3-ft. Steel Plant Supports	1.50	
No. 236, 4-ft. Steel Plant Supports	2.00	
No. 236½, 5-ft. Steel Plant Supports	2.75	

## Metal Plant Markers

	Doz.	100
6 inch, angle	\$0.60	\$1.50
10 inch, angle	.90	6.50
15 inch, angle	1.20	7.50

## Pruning Shears, Hand



No. 119

	Each
No. 119 Snap Cut	\$1.50
No. 118 Snap Cut, ladies size	1.15
No. R-10 Hand Shears	.60
No. V-179 Hand Shears	.90
No. 1409 Hand Shears	1.25
No. V-149 Hand Shears	1.75
No. 1400 Roll Cut	1.75
No. V-20, 26-inch handle	1.75
No. V-30, 26-inch handle	2.25
No. 166 Pruning Saw, curved	1.25

By mail add 10c each.

## Pruning Knives

No. 1 Budding Knife, Folding single blade with Ivory tip. Each \$1.75; by mail, \$1.85.

No. 2 Budding Knife. Stationary blade. Each, 50c; by mail, 60c.

No. 8 Pruning Knife. Hook blld blade, strong and properly shaped. Each, 85c; by mail, 95c.

## Plant Markers

Galvanized with inclined head.



12-inch	Doz., \$1.00; mailed, \$1.25
16-inch	Doz., 1.25; mailed, 1.35

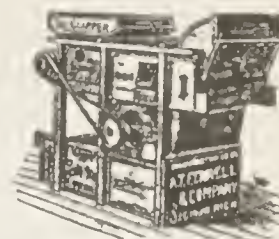
## Peach Baskets

3-Quart size. \$1.25 per 100; mailed, \$1.75.

## Raffia

Natural, in hanks, 2 to 3 lbs. each, lb. 35c.

## Clipper Grain and Seed Cleaners

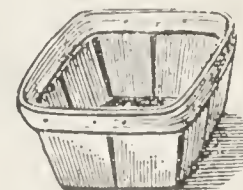


The vertical air blast cleaner, fans and separates all kinds of seeds and grain. Ask for circular.

Price No. 1-B Clipper Cleaner with Screens, Each ..... \$39.00

Price No. 2-B Clipper Cleaner with Screens, Each ..... 45.00

## Strawberry Boxes



1-Pint, 70c per 100; mailed, \$1.00. \$6.25 per 1000.

1-Quart, 75c per 100; mailed, \$1.15; \$6.75 per 1000.

## Thermometers

	Each
No. 5140 Weather	\$0.45
No. 5440 Tin case	.30

## Tree Pruners

	Each
No. 18, 8-foot long handle	\$2.50
No. 12 Telephone, less pole	1.35

## Tree Labels, Cypress

	100	1000
3½ in. copper wired, plain	\$0.40	\$2.25
3½ in. copper wired, painted	.50	2.50

## Twine

2-Ply Jute, ½-lb. ball, 15c; 10 balls, \$1.00.  
2-Ply Jute, 50-lb. coil (many ends), \$9.00.  
2-Ply Jute, 25-lb. coil (many ends), \$5.00

## Weed Cutters



Lively two-edged weed cutters. Each, \$1.00  
Extra blades for same. Each, 50c.

	Each
No. 170, Village	\$0.95
No. 165 Grass Whips	.90

## Weed Pullers

	Each
Sure Grip	\$1.00
Rid-O-Weed	.40

## Miscellaneous Items

Evermak Pencils for use on plant labels. Will not rub off, each 10c; doz., \$1.00; mailed, each, 15c; doz., \$1.20.

Garden Bird Flower Supports. Several colors on wire rod, each, 15c; mailed, 25c.

Mole Traps, Reddick, each, \$1.25; mailed, \$1.50.

Garden Gloves Napa Goat, ladies size only. pair, 65c; mailed, 75c.

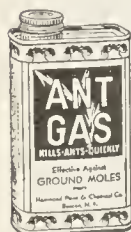
# Insecticides and Spray Materials

Poisonous insecticides and liquids are not mailable. Prices f. o. b. Memphis, and subject to fluctuations, buyer paying carriage charges, except where priced parcel post paid.

Our service in this department is free; do not fail to come to us for any information needed in spraying line. We keep up-to-date and have in stock the very newest and best materials for spraying at all times.

## Acme Aphis Spray

Absolutely one of the best methods of controlling aphids, plant lice on all plants, roses, trees and shrubs. 12-oz. pkg. 75c.



## Acme Bait-M

To combat sow bugs, cut worms and grasshoppers, use Acme Bait-M, it never fails. 1 lb. can 35c. Not mailable.

## Ant Gas

Applied to ant hills, kills sweet and fat eating ants, white ants and Termites. ½ pt. can, 35c. Not mailable.

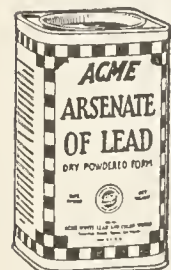
## Antrol

Destroys ants the right way; gets them at their source. The ants smell the syrup and eat it, then transmit its mild poison to the queen, thus destroying the whole colony.



Prices: Antrol Sets

4 containers, with 4-oz. bottle syrup...\$0.60  
Antrol extra containers ..... .10  
Antrol Syrup, 4 oz. bottle ..... .25  
Antrol Syrup, pint bottle ..... .60



## Arsenate of Lead

Kills every insect that eats it; can be used dry as powder or as a solution in water. ½ lb. can, 20c; 1 lb. can, 30c; 1 lb. bag, 25c; 4 lb. bag, 75c. Not mailable.

## Arsenate of Zinc

For all chewing insects and potato bugs. Will not burn. 1-lb. pkg., 25c. Not mailable.

## Bee Brand Insect Powder

One of the most effective, non-poisonous, kills fleas, ants, roaches, water bugs, flies, etc.

Specially Priced

2 ¾-oz. cans .....18c; mailed .....24c  
6-oz. cans .....35c; mailed .....45c  
11-oz. cans .....65c; mailed .....75c

## Carbon Di-Sulphide

For keeping weevils and other insects out of grain and cow-peas. 1 lb., 45c; 5 lbs., \$2.00. Not mailable.



A nicotine solution for destroying aphids, lice, etc., on both garden and flowering plants. Kills poultry mites. 1-oz. bottle, 35c; 5-oz. bottle, \$1.00; 1 lb., \$2.25; 2 lbs., \$3.25; 5 lbs., \$5.85; 10 lbs., \$9.85. Not mailable.

## Bluestone

Commonly known as Copper Sulphate. We have both the crystal and powdered or snow form of same. Should be used for peach leaf curl and apple blotch, 3 lbs. to 50 gallons of water. Price, 1b. 15c; 4 lbs., 50c; 10 lbs., \$1.00. See Green Ink List for quantity prices. Not mailable.

## Bordeaux Mixture, Dry

The perfect spray for fungous diseases of fruit trees, shrubs, black spot on roses. Fungous troubles must be prevented by spraying at regular intervals. Prices: 1b. 25c; 4-lb. pkg. 70c. Cannot be mailed.



## Bordeaux with Arsenate of Lead

Controls at one spraying all fungous troubles and insects. Dry form. 1-lb. bag, 35c; 4-lb. bag, \$1.00. Not mailable.

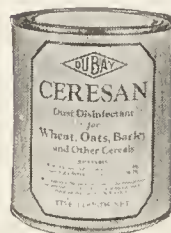
## Bug Death



Very safe, being non-poisonous; effective on all garden insects. Price by freight: 1 lb. 25c; 5 lbs. 75c; 12½ lbs., \$2.00. Parcel post: 1 lb. 35c; 5 lbs. 95c; 12½ lbs. \$2.40.

## Calcium Arsenate

Kills effectively, potato bugs, potato beetles, tomato worms, grasshoppers, army worm and cotton boll weevil. Can be used dry mixed with lime or as a spray mixed with water. 1 lb. 25c; 4 lbs. 60c. Not mailable. See Green Ink List for quantity prices.



## Ceresan

Ceresan is effective in controlling smut of wheat, oats, barley, sorghums, millet and rye, seedling blight of cereals. Also increases yield of cotton by preventing seed from rotting in cold, wet soil, permits earlier planting, controls damping-off. 1-lb. tin 75c; 5-lb. tin \$3.00; 25-lb. pail \$12.50.

## Copper Solution

For mildew, blight and rust on fruit, flowers and vegetables. Especially recommended for blight on pear trees, black spot on roses, etc. To be diluted 75 times with water and sprayed. Used with general benefit. 1 gal., \$2.00. Not mailable.

VELVET BUG DUST KILLS ALL INSECTS. 15-LB. BAG ONLY 75c.

## Corrosive Sublimate

Used for treating sweet potatoes before hedding to prevent black rot. One ounce will make 8 to 10 gallons of water. ¼ lb. 45c; ½ lb. 80c; 1 lb., \$1.25; 5 lbs. \$5.75; not mailable.

## Cyanogas—A Dust

A simple way to get rid of pests. Use Cyanogas. Kills ants, rats, mice, moles, fleas, bedbugs, clothes moths, wax moths, pigeons, sparrows, chinch bugs on lawns, grape leaf hoppers, mealy bugs, melon aphids, etc. Cyanogas A Dust. ½ lb., 45c; 1 lb., 75c; 5 lbs., \$3.00. Not mailable.

## Derris Rotenone Q. B. Dust

The new insect destroyer kills all insects, even harlequin bug. Non-poisonous, won't burn plants. 5-oz. box, 30c; mailed, 40c.

## Dritomic Sulphur



It is easy to handle and ready to mix and can be used with arsenate of lead with a small amount of lime added. The use of Dritomic Sulphur will prevent all diseases, also insects and brown rot, and scab on peaches. 4 lbs., 60c. Postpaid, 4-lb. pkg., 80c.

APPLE DTRITOMIC. This is especially for summer spray on apples. Cures blotch and codling moth. 4-lb. pkg. 60c; by parcel post, 4-lb. pkg. 80c.

## Dry Mix

A condensed spray for Peaches and Plums as soon as the blossoms have fallen. Contains also Arsenate of Lead, so you will not be confused in making this most important application.

Dry Mix prevents wormy peaches, also prevents fungous diseases, rot, etc. 1 lb. makes 5 gallons of spray material. 1 lb., 25c; 5 lbs. 75c; 12½ lbs. \$1.25. Cannot be mailed. Larger quantities priced on Green Ink List.

## Ever Green

Kills them all; safe to use on tender plants and blossoms, cannot burn, non-poisonous.

Ever Green is non-poisonous, and at the same time controls insects such as aphids, cutworms, squash bugs, potato bugs, caterpillars, beetles, etc., quickly, safely and economically. 1-oz. bottles 35c; by mail 45c; 6-oz. bottles \$1.00; by mail \$1.15. 16 oz. bottles \$2.00; by mail \$2.20.

## Ethylene Chlorhydrin

A new chemical applied to spring dug potatoes; make them sprout quickly. One quart makes enough to treat eight bushels of seed potatoes. Directions come on packages. ½ pt. 50c; pt. \$1.00; qt. \$2.00; gal., \$4.25. By mail, ½ pt. 70c; pt., \$1.25; qt., \$2.35; gal., \$4.95.

## Fish Oil Soap With Potash

Prevents and cures aphids, lice and other troubles on plants and trees.

Mixed with other spray materials. Acts as a spreader. 1 lb., 35c; 5 lbs., \$1.20; 10 lbs., \$1.85; by parcel post, 1 lb., 45c; 5 lbs., \$1.45; 10 lbs., \$2.20.



## Fluosilicate Dusting Powder

Controls cutworms, ants, roaches, chicken lice, moths, cucumber and potato beetles, and flea beetles, controls worms on cantaloupes. Use lightly to prevent burning. Sold in bulk only. 5 lbs., 50c.

## Formalin

Used for treating oats, wheat, etc., to prevent smut; also to prevent potato scab. One pound will make 30 gallons of solution. By freight only. 1-lb. bottle 35c. Not available.

## Fungtrogen

A highly concentrated fungicide that conquers mildew, controls black spot on roses and is an effective plant stimulant as well. 1/2-pt. can, 50c; qt., \$1.00. By mail, 1/2-pt., 65c; qt., \$1.20.



## Grape and Rose Dust

Prevents and cures blight, also mildew, on all plants; cures Black spot on roses; not poisonous. By freight, 1 lb., 35c; 5 lbs., \$1.00. By parcel post, 1 lb. 45c; 5 lbs. \$1.20.

## Grafting Wax

Used for grafting scions on trees. 1/4 lb., 20c; 1/2 lb., 35c; by parcel post, 1/4 lb., 30c; 1/2 lb., 45c.

## Kayso

Prepared casein is a spreader and adhesive. It makes the poison stick and resistant to washing effect of rains. Two-pound package is sufficient for 50 gallons of spray. 2 lbs. 50c; 10 lbs., \$2.00. By parcel post, 2 lbs. 65c; 10-lb. bag, \$2.25.



## Lime, Hydrated

When using Arsenate of Lead, Dithionite Sulphur, etc., always add Hydrated Lime. This prevents burning of the leaves. Price 10-lb. bag, 35c; 40-lb. bag, 70c. Not available.

## Lime-Sulphur—Dry or Powdered



For dormant spraying against San Jose scale, peach blight and peach-leaf curl; for summer spraying against such fungous diseases as apple scab, pear scab and against red spider. 1 lb. pkg., 25c; 5-lb. pkg., \$1.00; 12 1/2-lb. pkg., \$1.50; by parcel post, 1 lb., 35c; 5 lbs., \$1.25; 12 1/2 lbs., \$1.85.

## Lime-Sulphur Solution

A concentrated liquid form easily mixed. Simply add 9 gallons of water to 1 gallon of the solution. Mixes easier than the dry; will not clog the nozzle. Qt. 35c; 1/2 gal. 50c; gal. 65c; 5 gals. \$2.25. Not available.



## Magnesium Arsenate



Controls the Mexican Bean Beetle effectively, and will not burn the foliage. **MAGNESIUM ARSENATE DUST MIXTURE** for mixing with lime. 1-lb. cans, each, 25c; 4-lb. pkg., each, 70c.

**MAGNESIUM ARSENATE** for spraying; 2 lbs. to 100 gallons water. 2-lb. pkgs., each, 50c. Not available.

## MOLOGEN

(Trade Mark)

## MOLE KILLER

Eliminates moles from your lawn in two or three days. A non-poisonous, odorless dry powder that will not injure the soil or grass but gets the moles. 1/2-lb. can, 50c; 1 1/2-lb. cans, \$1.00; 5-lb. can, \$3.10; mailed, 60c, \$1.35, and \$3.80.

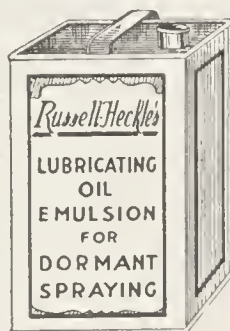
## Mosquito Larvicide

Made especially for fish ponds, will not injure vegetation or the fish. Kills the mosquito larvae instantly. 1 qt. makes 16 quarts of spray material, 60c. 6-oz. bottle, 35c. Not available.

## Oil Emulsion

For dormant spray to control scale, Oil Emulsion Spray has no equal; it creeps and covers every part of the tree; use it in February on a bright, warm day; avoid exposure to freezing.

Use 2 gallons to 100 gallons of water. Qt. 35c; 1/2 gal. 50c; 1 gal. can 65c; 5 gals. \$2.25; f.o.b. Memphis.



## Nu Green

A grass disinfectant for brown patch prevention and control. 3-oz. tin 35c. Not available.

## Para-dichlorobenzene



Peach tree borer control. Discovered at last a sure cure for peach tree borer. Time of application, October 1st to November 30th. It can also be used in the spring early in March.

Prices: 1-lb. box 43c; 5 lbs. \$1.40; 10 lbs. \$2.30. By parcel post, 1 lb. 55c; 5 lbs., \$1.60; 10 lbs., \$2.60.

## Paris Green

Known for its effectiveness. It must be used with care; 1 teaspoonful to 1 gallon of water will be safe. Add 2 tablespoonfuls of lime to prevent burning. 1/4 lb., 15c; 1 lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90. Not available.

## Pine Tar

A very useful preparation and should be kept on the premises at all times. For bruises on trees Pine Tar is very effective. 1-lb. can, 25c. Not available.

## Pomo-Green

For black spot on roses. Pomo-Green is the leaf green dust that protects your roses and other plants without making treatment conspicuous. 1-lb. can, 10c; 5-lb. carton, \$1.75. Not available.

## Pomo-Green with Nicotine

Controls lice in addition to chewing insects and black spot and other fungous diseases. 1-lb. can, 75c. Not available.

## Pyrox



For leaf-eating insects and plant diseases. Pyrox is a combined insecticide and fungicide that kills bugs, prevents blights and rots, and improves the foliage. A pound makes 4 to 5 gallons; 10 pounds will spray an acre of potatoes or tomatoes. Not prepaid, 1 lb., 45c; 5-lb. pkg., \$1.50; 10-lb. pkg., \$2.75.

## Pyrox with Nicotine

A combination of Pyrox and Nicotine. Kills both sucking and chewing insects, besides controls fungous diseases. 10-oz. bottle 45c. Not available.

## Red Arrow Spray

A new discovery, kills without burning; non-poisonous; effective against lice on turnip greens; leaf-hoppers and worms that bother cantaloupe and cucumber. 1 oz. bottle makes 6 gallons, 35c; mailed, 40c. 1/2 pt. pkg., \$1.50; by mail, \$1.70.

## Red Star Insecticide

Absolutely sure death to all bugs, insects, ants, roaches and mosquitoes. A clear liquid, this will not stain and is fully guaranteed. 1-qt. can, 60c; 1/2-gal. can, \$1.00; 1-gal. can, \$1.75. Not available.

## Scalecide, Pratt's

Especially recommended for spraying trees in the dormant state. For San Jose Scale it is even more effective and spreads better than lime-sulphur. For the dormant spray, use one part Scalecide to 15 parts of water. Not prepaid, qt., 65c; gallon, \$1.55; 5 gallons, \$5.50. Not available.

## TREAT BEFORE PLANTING WITH SEMESAN FOR DISEASE PROTECTION

For Vegetable and Flower Seeds.—Diseases carried on the seed often reduce germination and cause a poor stand, lowered quality, and unsatisfactory yields. Destroy these disease organisms without injuring the seed by treating your seeds, bulbs, roots, corms and tubers with Semesan. Easily and quickly applied as a dust or liquid. Effective in controlling damping-off of seedlings and cuttings. Use Semesan to control seed-borne diseases and improve your vegetables and flowers.

Prices: Semesan for small seeds, 2 ozs., 50c; 1 lb., \$2.50; 5 lbs., \$11.75.

Semesan Junior, for Corn: 1 ozs., 50c; 1 lb., \$1.50; 5 lbs., \$7.00.

Semesan Bel, for Potatoes and Bulbs: 1 ozs., 50c; 1 lb., \$1.75; 5 lbs., \$8.00. Not available.

## Selocide

Kills Red Spider, 100 per cent effective, no other preparation will give equal results; also kills the eggs. Use it on your Evergreens and watch your plants improve. 1 qt. can makes 25 gallons of Spray, \$1.25; 1 gal. can makes 100 gallons of Spray, \$3.25.

## Sulfocide

(Pratt's). A sure preparation for the second spraying on peach trees. Prevents wormy fruit; does not burn and easy to use. Directions on each can. Pint, 50c; qt., 85c; gal., \$2.25; 5-gal. can, \$7.50. Not mailable.



## Sheps Plant Spray

Kills and controls plant lice, thrips, leaf-hoppers, harlequin bugs, red spiders, etc. If your muskmelon and cucumber crops are bothered with worms, use Sheps Plant Spray once a week. Kills lice on turnip greens, etc. 1½-oz. bottle 25c; by mail 40c. 8-oz. bottle 60c; by mail 75c.

## Slug-Shot



(Hammond's). A non-poisonous powder insecticide; it requires no mixing or preparation, easily applied and not injurious to person applying it, or fruits and vegetables. Destroys potato bugs, Mexican bean beetles, green flies, slugs, worms, etc. Price, postpaid: 1 lb., 35c; 5 lbs., 95c. Not prepaid, 1 lb., 25c; 5 lbs., 75c.

## Sulphur, Powdered

Will prevent and cure mildew; should be used on all roses in the spring; apply dry. Also used for making self-boiled Lime-Sulphur as well as dusting various field crops, such as strawberries, and cotton, and for the control of red spider, rust mite, etc. By freight, lb., 10c; 5 lbs., 40c; 10 lbs., 75c. By parcel post, lb., 20c; 5 lbs., 60c; 10 lbs., \$1.10.

## Sulphur, Acme

This is a superfine grade of sulphur especially prepared so it will not lump, therefore making it a superior article for dusting roses for black spot and other fungous diseases. Packed in a most handy and convenient container. Price, 3-lb. can, 40c; by mail, 60c.

## Sulpho-Tobacco Soap

Kills all the insects on plants; simple and effective. By freight, 3-oz. cake, 10c; 8 ozs., 15c. Parcel post, 3-oz. cake, 15c; 8 ozs., 20c.

## Tanglefoot Plant Spray

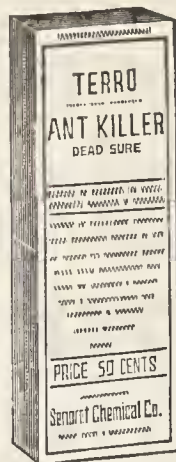
Kills all insects in the garden, also kills all fleas, ants. 25c bottle, by mail, 35c. Makes 6 gallons spray material. It's guaranteed.

## Tanglefoot

Means Results—Means Comfort.

	By Mail
Tanglefoot Fly Paper, 10c pkg. ....	\$0.15
Tanglefoot Fly Ribbon, 2 for 5c .....	.10
Tanglefoot Fly Spray, ½ pt., 50c .....	.60
Tanglefoot Fly Spray, 1 pt., 75c .....	.90

## Terro Ant Killer



Dead sure and quick relief from ants of all kinds. Simply pour the preparation where ants enter the house or where they travel and Terro will do the job thoroughly. Two sizes, 25c and 50c a bottle. Not mailable.

## Thrip Juice

For bad infestation of aphids, lice, red spider, scale, caterpillar and mealy bug use Thrip Juice. It saves plants. Pint can, 40c.

## Tobacco Dust

Especially desirable for use against lice and sucking insects. By freight, lb., 10c; 10 lbs., 60c. By parcel post, lb., 20c; 10 lbs., 90c.

## Tobacco Stems

Use them around trees of any kind when planting. Fine for fumigating plants and nests for poultry. 10-lb. bag, \$1.00; per bale, about 70 lbs., \$3.50. f. o. b. Memphis.

## TRI-GEN Combined Spray Treatment

The complete protection and spray treatment on roses, etc. Kills chewing insects, aphids, plant lice, thrips, leaf hoppers, beetles, rose chafers, white fly, lace wing fly and in addition, controls diseases such as black spot, rust, mildew, blight, etc. It stimulates growth. Tri-ogen is harmless to foliage and blooms.

Small Kit, makes 16 qts. .... \$1.50  
Medium Kit, makes 64 qts. .... 4.00  
Large Kit, makes 32 gallons ..... 6.00

F. o. b. Memphis



## Tree Wound Paint

When pruning heavy branches of trees, paint them with this material. It's also good to heal bruises and keep out infection. ½-pt. can, 40c; mailed, 50c.



## Tree Tanglefoot

Use as a band on all kinds of trees; will prevent any kind of crawling insects on them. 6 ozs., 25c; 1 lb., 60c; 5 lbs., \$2.50; 10 lbs., \$4.50. By parcel post, 6 ozs., 35c; 1 lb., 70c; 5 lbs., \$2.75.

## Velvet Bug Dust

This is a combination dust that kills insects which chew, and also prevents most diseases on plants. It will not burn the foliage. 15-lb. bag, 75c. Not mailable.

## Volck



A powerful insecticide used as a spray to overcome mildew, red spider, aphids, white flies, mealy bugs, etc. Volck is easy and pleasant to handle; does not burn and has no odor. Ask for circulars. ½ pt., 35c; pt., 50c; qt., 75c; gal., \$2.00. By parcel post, ½ pt., 45c; pt., 65c; qt., 95c. Garden Volck with Nicotine, 3½-oz. tin, 35c; by mail, 45c. Pt., \$1.00; by mail, \$1.15.

## Weed Killer, Hammond's

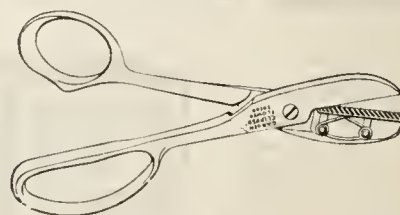
Kills all obnoxious weeds, Coco, Johnson Grass and Poison Ivy, highly concentrated. Can be diluted with 40 parts of water, then apply with sprinkling can. Gallon cans, \$1.50 each. Not mailable.

## NEW GAUNTLET STYLE EEZY WEAR

### NAPA GOAT GLOVES



A soft pliable goatskin glove, especially, adapted for working in flowers, bulbs and gardens or when spraying trees or plants. These come in several fancy colors. One size only. Price 75c a pair, postpaid.



The Garden Club  
Flower Shears.

Cuts the flower and holds it in one operation. Price only 59c; by mail, 74c.

# Spray Calendar

CROPS	INSECTS AND DISEASES	MATERIALS	DILUTIONS		TIME TO SPRAY
			One Gal. of Water	50 Gal. of Water	
PEACH PLUM CHERRY	Scale, Insects and Leaf Curl	Lime-Sulphur Sol. Oil Emulsion or Dry Lime-Sulphur	1 pint ¼ pint 18-20 teaspoonfuls	5-7 gallons 2 gallons 12-15 pounds	In the fall or in the spring before the buds swell. Add Bordeaux to Oil Emulsion to prevent leaf curl.
	Curcullo	Arsenate of Lead Dry Mix	2 teaspoonfuls ¼ Pound	¾ to 1 pound 8 to 10 pounds	Combine these two as soon as blossoms fall
	Scab and Brown Rot, and to prevent Rot developing after fruit is picked	Dry Mix, a special mixture replacing self-boiled Lime-Sulphur. Or use Dritomic Sulphur or Sulfocide	12-20 teaspoonfuls 1 tablespoonful	8-10 pounds 1 quart	1. When most of shucks are off. 2. Two weeks after shucks dropped. 3. Four weeks before picking, if necessary. 4. Week to ten days before picking. Very important.
	Borers	Paradichlorbenzene for Peaches only	1 to 2 ozs. in a circle evenly distributed 2 in. away from trunk of tree.		In the fall if possible.
PEAR QUINCE	Scale Insects and Blister Mites	Lime-Sulphur Sol. Oil Emulsion or Dry Lime-Sulphur	1 pint ¼ pint 18-20 teaspoonfuls	5-7 gallons 1½ gallons 12-15 pounds	Dormant or delayed dormant. When the buds begin to swell.
	Psylla, Slugs, Scab and Codling Moth	Bordeaux Mixture or Dry Lime-Sulphur or Lime-Sulphur Sol. Arsenate of Lead Black Leaf 40	12-16 teaspoonfuls 5-6 teaspoonfuls 1½ pint 3-8 teaspoonfuls 1 teaspoonful	6-8 pounds 3-4 pounds 1¼-1½ gallons 1-1½ pounds ½ pint	1. Cluster or pink stage. 2. Calyx or petals fall. 3. Two weeks after petals fall.
APPLE	Scale Insects, San Jose, Oyster Shell and Blister Mite, Red Mite	Lime-Sulphur Sol. Oil Emulsion Dry Lime-Sulphur	1 pint ¼ pint 18-20 teaspoonfuls	5-7 gallons 2 gallons 12-15 pounds	While the trees are dormant, spring or fall. Delayed dormant spray applied in spring when buds are showing silvery.
	Codling Moth, Curcullo, Bud-Moth, Scab, Frog-Eye and Blotch	Lime-Sulphur Sol. or Dry Lime-Sulphur and Arsenate of Lead	1/5 of a pint 5-6 teaspoonfuls 3-8 teaspoonfuls	1¼-1½ gallons 3-4 pounds 1-1½ pounds	1. When buds show pink. (Important scab spray). 2. When petals fall. (Calyx spray). 3. Ten days to two weeks later. (Blotch). 4. Four weeks after petals fall. (Blotch).
	Later Codling Moth Broods Blotch	Arsenate of Lead Bordeaux Dritomic Sulphur Or Blue Stone	3-8 teaspoonfuls 12-16 teaspoonfuls 3 teaspoonfuls 8 teaspoonfuls	1-1½ pounds 8 pounds 1 pound 6 pounds	Eight to ten weeks after petals fall and as often as necessary to keep fruit covered with Arsenate of Lead, and a fungicide where bitter rot is present.
	Aphids (Plant Lice)	Black Leaf 40 Sheps Spray Evergreen Spray	1 teaspoonful 1 teaspoonful 1 teaspoonful	½ pint 1 pint ½ pint	Combine with other sprays and apply when Aphids appear. Usually in delayed dormant sprays.
	Black Rot Mildew	Bordeaux Mixture Or Blue Stone	12-16 teaspoonfuls 8 teaspoonfuls	6-8 pounds 6 pounds	When shoots are 8 to 10 inches long, just before blooming.
GRAPE	Berry Moth	Arsenate of Lead	3-8 teaspoonfuls	2-3 pounds	1. After the blossoms fall. 2. Ten days to two weeks later.
	Black Rot Mildew	Bordeaux Mixture	12-16 teaspoonfuls	6-8 pounds	3. When berries begin to touch in the clusters.
	Leaf Hopper	Black Leaf 40	1 teaspoonful	½ pint	Apply when first nymphs of the Hopper acquire wings.

## General Spray Information

### Oil Emulsion

For dormant spray to control scale, Oil Emulsion Spray has no equal; It creeps and covers every part of the tree. Use it in January, February or March on a bright, warm day; avoid exposure to freezing.

Made according to formula in U. S. Farmers Bulletin No. 933. Use 1 gallon to 20 gallons of water. To control peach tree leaf curl, use 4 pounds Bordeaux Mixture or 3 pounds of Blue Stone (put these in water first) and 1 gallon of Oil Emulsion to 20 gallons of water. Price: Qt., 35c; ½ gal., 50c; 1-gal. can, 65c; 5-gal. can, \$2.25; 10-gal. can, \$4.00; f. o. b. Memphis.

### Dry or Peach Mix

A summer spray on Peaches and Plums, for use in place of self or home-boiled Lime-Sulphur, for the control of brown rot, scab and leaf spot. Use 1 pound to 4 gallons of water, first application, when the buds fall. Spray every two weeks with Dry Mix and add a little Black Leaf 40. This is to control brown rot, scab, curcullo and Oriental Peach Moth. Price: Dry Mix, 1 lb., 25c; 5 lbs., 75c; 12½ lbs., \$1.25.

### Concentrated Lime-Sulphur Solution

One of the best fungicides for the dormant or growing period. To control scale and peach tree leaf curl. Full directions on cans. Price: Qt., 35c; ½ gal., 50c; 1 gal., 65c; 5-gal. can, \$2.25; 10-gal. can, \$4.00.

For prices on other insecticides, see pages 54, 55 and 56.

### Powdered or Dry Lime-Sulphur

A convenient material to control San Jose scale and other fungus trouble, such as peach tree leaf curl and blister mites. Dilute 1 pound Dry Lime-Sulphur to 4 gallons of water. Price: 1-lb. can, 25c; 5-lb. can, \$1.00; 12½-lb. pkg., \$1.50.

### Dritomic Sulphur

One of the best preparations for the shuck spray, and growing period or summer spray on peaches, apples, etc. On the shuck spray add arsenate of lead. Dritomic Sulphur will control scab and brown rot on peaches and plums, and scab on the apple. Use one pound to 20 gallons of water with ½ lb. Arsenate of Lead and 1 lb. lime. We have both apple and peach Dritomic Sulphur. Price: 4-lb. pkg., 60c.

### Bordeaux Mixture

One of the most generally used and satisfactory preparations for controlling plant diseases of most kinds. It is especially good to correct blight on Pblox, Roses, Snapdragons; black or blossom end rot on Tomatoes; blotch on Apples; black rot on Grapes, etc. Price: 1 lb., 25c; 4 lbs., 70c.

### Black Leaf 40

For all sucking insects, such as lice, red spider and aphids, on roses, apple and plum trees, evergreens, etc. Use 1 ounce to 5 gallons of soapy water. Price: 1 oz., 35c; 5 ozs., \$1.00.

CULTIVATE FRUIT TREES, GRAPE VINES, ETC.—KEEP THE HARROW IN THEM. SPRAY YOUR FRUIT TREES IF YOU WANT GOOD FRUIT. DO IT AT THE PROPER TIME AS DIRECTED ABOVE.

# R.-H. Co.'s Spray Pumps

## Barrel or Orchard Spray Pumps

We handle only standard outfits, all sold at manufacturers prices. Repair parts available on short notice. Special catalog mailed on application.

**MYERS No. R305B.** Designed to meet the requirements where a good pump at a moderate price is required. Attaches to the side of an open barrel. Equipped with Cog Gear Handle, jet and mechanical agitators, complete with 15 feet of 1/2-inch 5-ply discharge hose and Myers Graduating Vermorel Nozzle. Price complete, less barrel, \$12.00.

**MYERS No. R318B.** Attaches to top of closed barrel. Has bronze ball valves and brass seats. Plunger is self expanding and the cylinder and pipes are all brass. Price, with one lead of 15 feet of 1/2-inch, 5-ply discharge hose, graduating Vermorel nozzle and mechanical agitator, \$13.50.

## Hudson Barrel Pump

The Hudson Barrel Pump develops 250 lbs. working pressure. Large cylinder and air chamber. Special non-clogging strainer is cleaned by agitator with each stroke of pump. Valve assembly is quickly removable without dismantling the pump. Equipped with 6 feet of hose, 4-ft. iron extension and Ideal Angle Nozzle.

No. 4SA Barrel Pump. Weight 35 lbs. \$12.00.

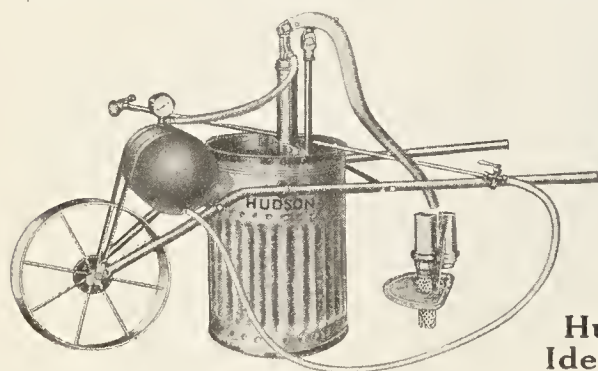
## Portable Sprayers



## Hudson Sunshine

A 12-gallon portable machine for truck gardeners, orchardists, poultrymen, etc. Compact construction adapts it for use between narrow rows, close quarters, etc. Pump develops 125 pounds working pressure, equipped with non-clogging strainer which is cleaned by agitator at each stroke of the pump. Frame of channel iron. Large wheel with wide tire. Equipped with 5 feet of hose, 2-ft. iron extension, angle spray nozzle.

No. 36S Sunshine (without pressure tank). Weight 46 lbs. \$12.50  
No. 37S Sunshine (with pressure tank and gauge). Weight 60 lbs. \$22.50.



## Hudson Ideal

A high pressure, portable sprayer for the gardener, poultry raiser, orchardist, etc. Holds 15 gallons. Powered with the Hudson 4SA Barrel Pump. Tank is heavy galvanized steel, reinforced at top and bottom with heavy channel hoops. Tubular steel frame and 18-inch wheel. Equipped with 6 feet of hose, 4-foot iron extension, leakless shut-off and Ideal angle nozzle. Pressure tank equipped with gauge and all necessary fittings.

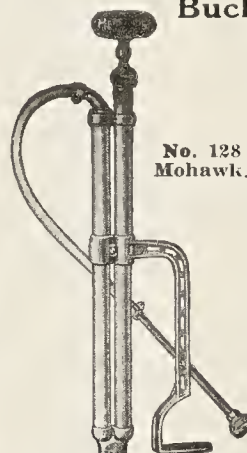
No. 34S Hudson Ideal (without pressure tank). Weight 81 lbs. \$21.00.  
No. 35S Hudson Ideal (with pressure tank). Weight 100 lbs. \$31.25.



Myers Portable.

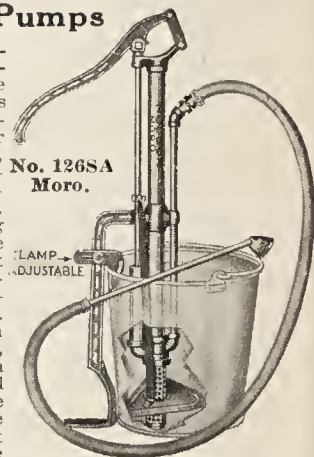
**MYERS No. R336 1/2 B PORTABLE SPRAYERS.** Capacity 12 1/2 gallons; tank made of heavy galvanized iron, equipped with portable wheelbarrow frame; has agitator, with 15 feet hose connection. Vermorel nozzle and 8-ft. pipe extension. Complete, \$20.00.

## Bucket Spray Pumps



No. 128 Mohawk.

**No. 128 HUDSON MOHAWK.** The Mohawk is used extensively for small crops, whitewashing, disinfecting, etc. All working parts are brass. Foot rest is adjustable for various heights. Equipped with 3 ft. of hose, 12-inch iron extension and brass nozzle with variable discs. Weight 7 lbs. \$3.90; mailed, \$4.30.



No. 126SA Moro.

**No. 126SA HUDSON MORO.** Designed for use with whitewash, cold water and cement paints and sediment bearing solutions. Equipped with non-clogging brass strainer, cleaned by mechanical agitator at each stroke of pump. Has adjustable foot rest. Valve assembly quickly removable without dismantling pump. Equipped with 3 feet of hose, 12-inch extension rod and Fog nozzle fitted with discs. Complete with agitator. Weight 10 1/2 lbs. \$5.90; mailed, \$6.30.

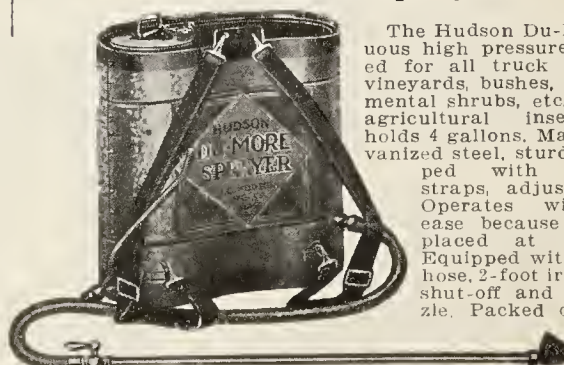


**MYERS BUCKET SPRAYERS.** These spray pumps are constructed entirely of brass. They are so arranged that the labor of pumping is all done on the downward stroke of the piston and nothing on the up.

**Myers No. 325 Bucket Pump.** Makes fine or coarse spray; all brass; provided with a good air chamber. \$3.25; by parcel post, \$3.50.

**Myers No. R324 Spray Pump.** A combination bucket and barrel spray pump; can be used either way; it has cog gear handle with large cylinder. Price, with nozzle, \$4.80; by parcel post, \$5.20.

## Hudson Du-More Knap-sack Sprayer



The Hudson Du-More is a continuous high pressure sprayer adapted for all truck and field crops, vineyards, bushes, fruit trees, ornamental shrubs, etc. Will handle all agricultural insecticides. Tank holds 4 gallons. Made of heavy galvanized steel, sturdily built. Equipped with wide shoulder straps, adjustable in length. Operates with remarkable ease because of long handle placed at right of user. Equipped with 3 feet of spray hose, 2-foot iron extension rod, shut-off and brass Fog Nozzle. Packed one in a carton. Shipping wt. 19 lbs.

No. 147G, Galvanized Tank ..... \$12.95  
No. 147B, Copper Tank ..... 17.95

# Compressed Air Spray Pumps

## Myers Compressed Air Pumps



These are extra strong and dependable, they are simple to operate. An excellent all around sprayer that we guarantee to give satisfaction.

Myers No. 2296G.  
2½-gal. galvanized tank. Each, \$3.75.

Myers No. 2296B.  
2½-gal. brass tank. Each, \$6.75.

Myers No. 2297G.  
4¼-gal. galvanized tank. Each, \$1.50.

Myers No. 2297B.  
4¼-gal. brass tank. Each, \$8.00.

Myers No. 2242G. 4¼-gal. galvanized tank. Each, \$4.95.  
New design with removable tube. By mail, add 35c each extra.

## E-Z Fill Compressed Air Sprayers



Something new in the way of Compressed Air Sprayers. The tank has extra wide opening which enables anyone to fill the tank with ease and without spilling any material. It also makes cleaning of the tank a simple job. The E-Z Fill Sprayers are a great improvement over many of the other outfits. The tank is extra heavy galvanized iron making it very durable and strong, gives you a sprayer that will stay with you for a long time if it is taken care of.

Price E-Z Fill No. 4G. \$1.50; by mail, \$4.90.



## Myers Knapsack Sprayers

Myers No. 1330 New Idea Galvanized Knapsack Spray Pump—Fitted with 3-8-in. hose, stop cock, pipe extension and nozzle. \$10.00.

Myers No. 1331 New Idea Brass Knapsack Spray Pump—Complete with hose, stop cock, pipe extension, and nozzle, \$14.50.  
We sell the best quality spray hose.



THE HUDSON JUNIOR is a high grade compressed air sprayer of 2½-gallon capacity. Made in copper or galvanized tank. All seams are riveted and heavily soldered. Top and cap are malleable. Equipped with high grade pressure hose, brass extension, automatic shut-off and brass nozzle.

No. 140G Junior. (Galvanized). Weight 9 lbs. \$4.50.

No. 140B Junior. (Copper). Weight 9 lbs. \$7.00.

Mailing, 35c each extra.



THE HUDSON PERFECTION holds four gallons. It is a high pressure machine for all types of spraying jobs. Made in copper or galvanized tank. Has many special features. Brass pump screws into malleable top, permitting entire assembly to be removed at one operation. Long hose and brass extension rod. Automatic shut-off and brass nozzle.

No. 110G Perfection. Weight 12 lbs. \$6.25  
No. 110B Perfection. (Copper). Weight 12 lbs., \$9.60.

Mailing, 45c each extra.



THE HUDSON ECONOMY is a high quality well made compressed air sprayer at a very moderate price. Tank holds four gallons. Handle and top are malleable. Pump is seamless brass tube. Discharge equipment includes hose, brass extension, automatic shut-off and brass nozzle.  
No. 125 Economy. Weight 11 lbs. \$5.00; mailed, \$5.40.

## Spray Hose Nozzles



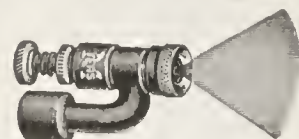
No. 168



No. 166

Hudson No. 168 Spray Nozzles... Each 75c

Hudson No. 166 Spray Nozzles... Each 75c



Vermorel No. 1563 Spray Nozzle. Each 75c.



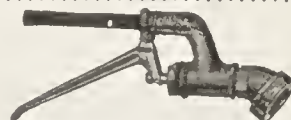
No. 149



No. 71

Hudson No. 71 Bordeaux Nozzle, Each \$1.00

Hudson No. 149 Brass Shutoff Cock, Each \$1.00



Hudson No. 176 Perfection Nozzle, Each \$1.50

Hudson No. P9X Perfection Nozzle, hose and extension. Each \$2.40

Hudson Adjustable Nozzle for spraying under leaves \$1.25

## Hose Connections



Female End Hose Connection for ¾- or ½-inch hose. 25c each.

Hose Clamps, ¾- or ½-inch, 5c each.

## Spray Hose



Our spray hose is made especially for spraying purposes.

¾-inch Spray Hose. Per ft., 10c; postpaid, 20c.

½-inch Spray Hose. Per ft., 14c; postpaid, 21c.

50-ft. sections of above 2c per ft. less.

## Extension Rods

2-ft. Brass Rods \$0.60; mailed, \$0.70

1-ft. Brass Rods 1.00; mailed, 1.15

1-ft. Iron Rods .65; mailed, .80

8-ft. Bamboo. With shut-off 3.00.

No. 145 Angle Spray Rod. Made entirely of brass, 5½ feet long, weighs only 4½ pounds. Automatic shut-off. Throws spray 30 feet from the nozzle. Ask for circulars. Price, each, \$7.95, f. o. b. Memphis.

## Spray Repairs

Barrel Pump Washers 20c

Bucket Pump Washers 10c

Hand Sprayer Washers 10c

Comp. Air Pump Washers 10c

Rubber Gasket for Compressed Air 10c

Check Valve for Comp. Air Sprayers 10c

Whirl Discs, Brass Screens and Steel

Spray Cups for Spray Nozzles 10c

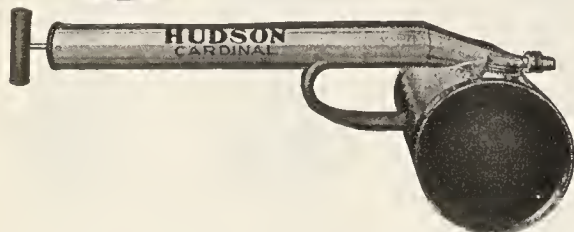
Hose Clamps, ¾-inch and ½-inch 5c

# Hand Spray Pumps, Etc.

## Three-Quart Continuous Hand Sprayers



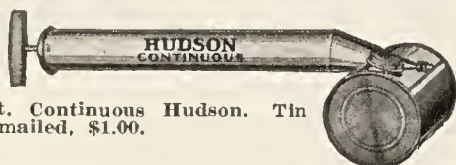
A new design that makes a continuous spray when the air is pumped into the tank. It is simple in construction and one of the most convenient outfits we have ever sold. We are sure you will like this new three quart hand sprayer, made of galvanized iron and beautifully finished. Price, only \$1.75; by mail, \$1.95.



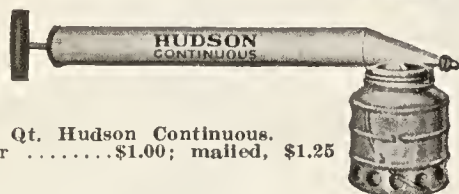
No. 435NS Hudson Cardinal, 3-qt. galv. tank, \$1.50; mailed, \$1.80

## Hand Continuous Sprayers

They spray with the coming and going of the plunger—easy to operate.



No. 432 1-Qt. Continuous Hudson. Tin tank 75c; mailed, \$1.00.



No. 427-G Qt. Hudson Continuous. Glass jar .....\$1.00; mailed, \$1.25

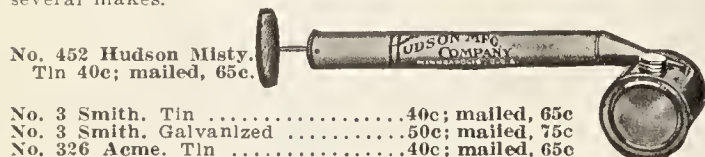
1 Pint Scram Bug Continuous Sprayer with lacquered tank, each, 45c; by mail, 60c.



No. 60 Smith Blizzard Continuous. Qt. galvanized tank. ...75c; mailed, 95c

## Quart Size Hand Sprayers

These are all useful for spraying small trees, roses, shrubs, poultry houses, spraying flies and other uses. We carry these in several makes.

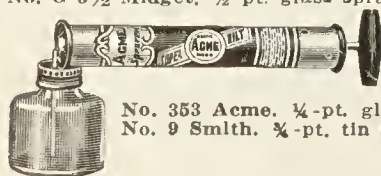


No. 452 Hudson Misty. Tin 40c; mailed, 65c.

No. 3 Smith. Tin .....40c; mailed, 65c  
No. 3 Smith. Galvanized .....50c; mailed, 75c  
No. 326 Acme. Tin .....40c; mailed, 65c  
No. 2 Smith. Tin .....35c; mailed, 60c  
No. 430 Hudson Crescent Glass Jar, 1 qt. ....65c; mailed, 90c

## Half Pint and One Pint Hand Sprayers

No. 202 Midget, 1-pt. tin sprayer .....25c mailed, 40c  
No. G-3½ Midget, ½-pt. glass sprayer .....20c; mailed, 30c



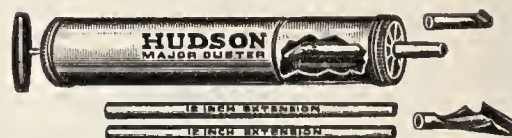
No. 353 Acme. ¼-pt. glass sprayer .. 15c; mailed, 25c  
No. 9 Smith. ¼-pt. tin sprayer ..... 25c; mailed, 40c

## Hand Dry Powder Sprayers

These are excellent for applying any dry insecticide and ant powders.



No. 660 Signal Duster ..... 30c; mailed, 40c  
No. 663 Cadet Duster ..... 50c; mailed, 65c



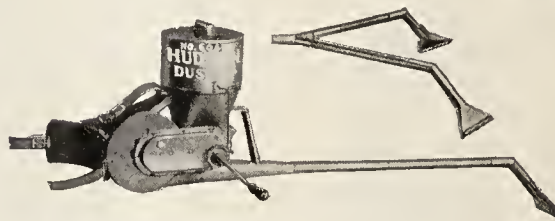
No. 665 Major Duster .....\$1.10; mailed, \$1.35  
No. 600 Bellows Duster .....\$1.50; mailed \$1.75

No. 612 Hudson Patrol Duster, capacity 1½ lbs. With glass jar, each, \$1.25; mailed, \$1.50.



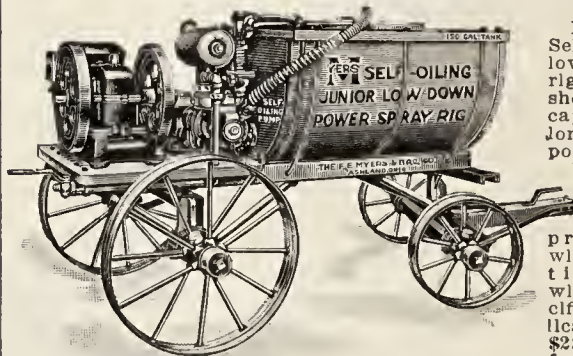
## Large Dry Powder Dusters

Suitable for large areas and cotton dusting.



Hudson No. 604 Crank Duster. ....\$13.50. Can't mail.  
No. 590 Root Hand Duster, with reversible elbow, each .....\$18.00  
No. 590 Root Saddle Duster, less saddle, each ..... 37.50  
No. 592 Root Saddle and Bracket, both ..... 10.00  
No. 594 Root Saddle Duster. Complete with saddle and bracket ..... 48.00

## Myers Power Spray Pump



No. 754 Myers Self Oiling Junior low down spray rig with all steel, short turn truck, capacity 100 gallons. Has 2 horse-power engine.

1 No. 11 Myers Spray Gun, 50 ft. ½ inch Myers high pressure hose with complete fittings. Catalog with further specifications on application. Price \$236.00 f. o. b. factory. Other

sizes quoted on request.

## Myers O. K. Cog Gear Barrel Spray Pump

No. R-308 B air chamber 2½ inches will carry 200 lbs. pressure. With one lead of 15 feet. 7-ply ¾ inch hose and nozzle. Price, less barrel, \$19.40, f. o. b. factory.  
No. R-308C. The same with 2 leads of spray hose and two nozzles. Price, less barrel, \$24.40, f. o. b. factory.

## The Hydrolizer

Sprinkle your lawn, plants, trees, etc. and fertilize them all at one operation. The Hydrolizer is the most important development in years for horticultural control and maintenance. The color of the water stream tells you the strength of the solution. There is a Hydrolizer chemical for every horticultural purpose.

The Hydrolizer means real economy, spray and fertilize all at one operation.

The Hydrolizer can be used on our city pressure of water. Remember you don't have to carry the water. Use it right out of the hydrant and then fertilize your lawn at the same time. Prices:

Type H Domestic Hydrolizer .....\$19.50  
Type P Intermediate Hydrolizer ..... 29.50  
Hydrocide Fertilizer, regular pkg. .... .65  
Hydrocide Fertilizer, large pkg. .... 2.00

# R.-H. Co.'s Fertilizer

## How to Use Fertilizers

Fertilizers can always be used to good advantage by opening up the row, sprinkling thinly the fertilizer; then cover same with a little soil and then sow your seed. Or, they can be used by working them into the soil along the rows after the plant is up, care being taken not to let it come in contact with the leaves or stem of the plant.

Ton prices on Fertilizers quoted on our Green Ink List.



### R.-H. Co.'s Sheep Manure

A pure natural manure, free from all noxious weeds. Highly recommended and used largely as a fertilizer for lawns, potted plants, vegetables, flowers, etc. It furnishes a natural humus to the soil, giving immediate and lasting results. Easy to use and safe, as it does not burn.

It may be used at the rate of 20 to 50 lbs. to every 1,000 square feet in a dry form, or 500 to 1,000 lbs. per acre.

5 lbs., 25c; 25 lbs., 75c; 50 lbs., \$1.15; 100 lbs., \$1.95. By mail, 5 lbs., 45c.

### Sulphate of Ammonia

A wonderful fertilizer for lawn, garden or orchard. Guaranteed 25% per cent ammonia, highly concentrated, quick acting. Ammonia supplies nitrogen, the most essential plant food.

Prices in bulk: 5 lbs., 25c; 10 lbs., 45c; 25 lbs., 75c. By mail, 5 lbs., 45c; 10 lbs., 70c.



### Peat Moss

A moisture retaining humus. Quickly decays so that it is available for plant food. It is excellent for potting bulbs and also for clayey soils, gravelly soils, flower beds, hotbeds, and as a winter protection for lawns. It is also good for mulching roses, perennial

flower beds, evergreens, etc.

Dampen some Peat Moss, then spread over freshly sown flower or vegetable seeds and watch the seeds germinate quickly. Remember Peat Moss retains the moisture and keeps the soil from baking. Price, 2-lb. bag, \$1.25; ½ bale, \$2.25; bale, about 16 bu., \$3.50.

### Peat Humus

Excellent for mixing with soil for use with potted plants, ferns, etc. 1-lb. bag, 10c; by mail, 18c.

### Garden Fertilizer 4-8-4

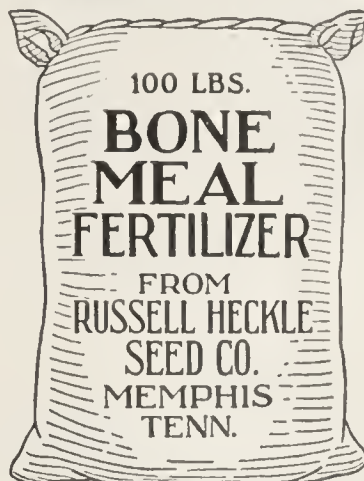
The most largely used grade for all garden crops, tomatoes, potatoes and corn. Contains a balanced plant food that makes bigger crops. Priced on Green Ink List.

### Golden Flour Fertilizer

Strictly a vegetable plant food that gives quick stimulating growth to all plant life. Golden Flour can be used on all garden and vegetable crops. Also on lawns with beneficial results. Apply either before or after planting. Keep it away from the seeds or plants to prevent burning. 5-lb. bags, 40c; 10 lbs., 70c; 25 lbs., \$1.25; 100 lbs., \$3.50.

### Fairway

The plant food that feeds grass immediately; builds soil permanently. 25-lb. bag, \$1.25; 100-lb. bag, \$3.50.



### R.-H. Co.'s Bone Meal

We guarantee our Bone Meal to analyze 24% phosphoric acid and not less than 2.47% ammonia. Bone meal is an excellent fertilizer for all kinds of fruit trees, rose bushes, grape vines, bulbs, ferns, and other potted plants, and for grass crops. It is especially desirable for producing solid, firm growth, which is an important feature in fertilizing the orchard, shade trees, shrubs, etc. Fine for lawns. 5 lbs., 25c; 10 lbs., 45c; 25 lbs., \$1.00; 100-lb. sack, \$2.25; by parcel post, 5 lbs., 45c; 10 lbs., 75c.



for

## Beautiful Lawns and Gardens

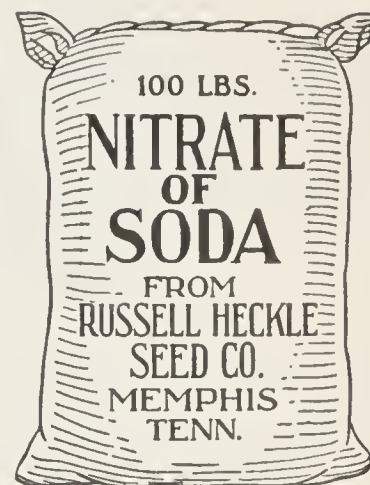
Feed everything you grow with Vigoro, the complete, balanced food for plants. Vigoro contains every element needed for full growth and beauty—"the square meal for all plants."

Clean, odorless, and economical. Vigoro is easy to use. Simple directions in every bag or package. Vigoro is used on 3,000,000 homes. We recommend it.

PRICES:  
100-lb. bag, \$4.00 10-lb. pkg., \$0.85  
50-lb. bag, 2.50 5-lb. pkg., .50  
25-lb. bag, 1.50 12-oz. pkg., .10

# VIGORO

Complete plant food  
A Product of Swift & Company



### Nitrate of Soda

Everyone that used Nitrate of Soda on the cotton crops was well repaid for the expense. Application of Nitrate of Soda on cabbage, lettuce, beets, etc., makes them more crisp and tender. Always remember that Nitrate of Soda must be used carefully, as it is a caustic and will burn plants if used too liberally.

It requires about 150 pounds of Nitrate of Soda to the acre.

Prices: 5 lbs., 25c; 15 lbs., 60c; 25 lbs., 75c. Not mailable.

### Stim-U-Plant



Stim-U-Plant is an odorless, highly concentrated plant-food, in tablet form, guaranteed chemical analysis of 11 per cent nitrogen, 12 per cent phosphoric acid, 15 per cent potash.

Price 30 for 25c; 100 for 75c; 1,000 for \$3.50. Postpaid, 30 tablets, 28c; 100 tablets, 80c; 1,000 tablets, \$3.65.

### Lime

Pulverized, fine, especially good for use on sour soil and where ground worms frequent. It purifies and sweetens soils. 10-lb. bag, 35c; 40-lb. bag, 70c. Cannot be mailed.

### Adco

A powder when mixed with leaves, trash, cut grass and soil makes artificial manure fully equal to the farm yard product in fertilizing power. 25-lb. bag, \$1.50.

### R.-H. Co.'s Commercial Fertilizers

Prices on request. Analysis as follows:

	Nitro.	Phos.	Pot.
Good Luck corn fertilizer	4%	8%	4%
Good Luck cotton fertilizer	4%	8%	4%
R.-H. Co.'s Veg. fertilizer	3%	8%	6%
R.-H. Co.'s Acid Phos.		16%	
R.-H. Co.'s Muriate Potash			48%
R.-H. Co.'s Kalnit			20%

Quantity Prices: For prices on above fertilizers, see Green Ink List enclosed.

# R.-H. Co.'s Dog Foods

It pays to use our prepared Dog Foods as your dogs will keep in better condition and health. We are headquarters for the best Dog Foods and sell at factory prices as we are carlot buyers. Our stocks are always fresh and dependable, all manufactured on a scientific, balanced ration basis.

## Miller's A-1 Dog Biscuit

Miller's A-1 Dog Biscuits contain the necessary vital body and bone building elements in their proper proportions to sustain good health in your dogs. Bulk, 2 lbs., 25c; by parcel post, 35c. 10 lbs., \$1.00; by parcel post, \$1.30.



"Battle Creek Health Food for Dogs"

## Miller's A-1 Dog Ration



Miller's A-1 Dog Ration is one of the best balanced dog feeds in the United States. It is fed to hunting dogs, police dogs, fox terriers, bulldogs and all other kinds—they all thrive on it. It is cooked and ready to use when received by dogs of all ages and breeds. Bulk, 3 lbs., 25c; by parcel post, 40c. 10 lbs., 60c; by parcel post, 85c.

## Miller's A-1 Kibbled Biscuit

Miller's A-1 Kibbled Dog Biscuit is the same as whole only in broken form, which makes it convenient for mixing with vegetables, meat, fish, soups, broths, etc. Bulk, 2 lbs., 25c; by parcel post, 35c. 10 lbs., \$1.00; by parcel post, \$1.30.

## Miller's A-1 Puppy Meal

Miller's A-1 Puppy Meal is especially adapted for the tender digestive organs of puppies. Bulk, 2 lbs., 25c; by parcel post, 35c; 10 lbs., \$1.00; by parcel post, \$1.30.

## Perfection Dog Feed



A superior preparation relished by puppies and dogs; it keeps them healthy and vigorous. 3 lbs., 25c; by parcel post, 40c. 10 lbs., 60c; by parcel post, 85c.



## Champion Dog Foods

Champion Dog Food is a complete and balanced diet for all ages and breeds of dogs. It contains a large content of fresh meat, white flour, whole wheat, corn meal and oat meal, also pure cod liver oil to furnish vitamins and prevent rickets, and various mineral salts to strengthen the bones.

### Champion Dog Biscuit

Bulk, 2 lbs. 25c; by parcel post, 35c; 10 lbs., \$1.20; by parcel post, \$1.50.

### Champion Kibbled Dog Biscuit

(The broken small pieces). Bulk, 2 lbs., 25c; by parcel post, 35c. 10 lbs., \$1.20; by parcel post, \$1.50.

### Champion Puppy Biscuit

Bulk, 2 lbs., 25c; by parcel post, 35c. 10 lbs., \$1.20; by parcel post, \$1.50.

### Champion Puppy Meal

Bulk, 2 lbs., 25c; by parcel post, 35c. 10 lbs., \$1.20; by parcel post, \$1.50.

### Bennett's Dog Biscuit

A superior biscuit. Keeps dogs in good condition. Per box, 35c; by parcel post, 45c.

### Bennett's Puppy Biscuit

Especially prepared for puppies. Per box, 35c; by parcel post, 45c.

### Dicapho

Dicapho is rich in lime and phosphates. Builds up the bones, prevents rickets, aids digestion. One teaspoonful mixed with the dog food daily is sufficient. 1 lb., bulk, 20c; 5 lbs., 75c. By mail, 1 lb., 30c; 5 lbs., 90c.

## Spratts Dog Foods

Every one knows the quality of Spratt's foods. We have Spratt's Fibo; Spratt's Ovals; Spratt's Puppy Meal. Price, 4 lbs., 50c; by mail, 4 lbs., 65c. Spratt's Dog Soap, 25c; mailed, 35c.

## Russell-Heckle's Top Notch Dog and Cat Food



Fit for human consumption. U. S. Inspected, and does not contain horse meat; scientifically blended, guaranteed to give satisfaction. 15½-oz. can, 10c; 12 cans, \$1.00. By mail, can, 19c; 12 cans, \$1.35.

## Miller's Dog Soap

Kills fleas and lice, is a deodorizer and beneficial to the coat. Large cake, 25c, postpaid.

## Vitamill



A composition of yeast, cod liver oil, calcium phosphate, etc. Vitamill aids digestion, prevents rickets. Especially good for growing puppies; stimulates the appetite, builds bone and muscle.

To insure good healthy litters, give Vitamill daily to both the male and female for several weeks before mating.

Postpaid, 4-oz. can, 55c; 1 lb., \$1.10. Not prepaid, 4 ozs., 50c; 1 lb., \$1.00.

## Brown's Supercedar Kennel Bedding



Here is an article that you will appreciate; a cedar bedding for all dogs, containing all the oil and original odor of the red cedar wood. Brown's Supercedar keeps down flies, is sanitary; keeps down that doggy smell. 5-lb. bag, 35c; 50-lb. bag, \$2.00. By mail, 5-lb. bag, 55c.

## Bee Brand Insect Powder

Specialty priced: 2¾-oz. cans, 18c; mailed, 24c. 6-oz. cans, 35c; mailed, 45c. 11-oz. can, 65c; mailed, 75c.

## Bee Brand Shampoo

Acts as a shampoo and kills all insects at the same time. Bottle, 30c; by mail, 40c.



## B. K.

Keep the kennels and premises free of fleas, lice, disease, etc., with B. K. 10-oz. bottle, 50c; 1 qt., 90c. By mail, 10-oz. bottle, 60c; 1 qt., \$1.05.

## Cooper's Capsules

For killing round worms and hook worms in dogs, puppies and cats, three sizes. For dogs, small dogs, puppies and cats. Per box, 50c; mailed, 55c.

## P. H. Powders

A marvelous powder for pets, dogs, puppies, cats, rabbits, etc. If the animal gets off food, use P. H. Powders and watch the benefits. Guaranteed not to injure any pet even if fed in excessive doses. 4 oz. size, 50c; 1½ lb. size, \$1.50. By mail, 4 oz., 60c; 1½ lb., \$1.60.

## Rhito Wormer

For expelling round and pin worms in dogs and puppies. It is pure, a vegetable preparation, therefore, safe and effective. 25c a box, postpaid.

## Rhito Laxative Pills

Should be given after all worm treatment in dogs and puppies. It makes the worm medicine more effective as it drives the worms out of the system. Per box, 25c, postpaid.

## Ken-L-Ration



The Dog Food Supreme. These Foods are Literally Full of Vitamins. Composed of clean, wholesome meat, the best grade of cereals and Norwegian cod liver oil. A perfect balanced ration. 1-lb. can, 10c; 12 cans, \$1.15. By parcel post, 1-lb. can, 20c; 12 cans, \$1.55.

## Hemo-Ration

Is a meat, blood, cereal and cod liver oil product. Ideal food for breeding stock, anemics and convalescents. 1-lb. can, 15c; 12 cans, \$1.40. By parcel post, 1-lb. can, 25c; 12 cans, \$1.80.

## Pup-E-Ration

Is the perfect puppy food. Very rich in protein, calcium phosphate, cod liver oil and marrow fat. 1-lb. can, 15c; 12 cans, \$1.40. By parcel post, 1-lb. can, 25c; 12 cans, \$1.80.

## Kit-E-Ration

The cat food supreme. A balanced ration, ready to serve. 1-lb. can, 15c; 12 cans, \$1.60. By parcel post, 1-lb. can, 25c; 12 cans, \$2.00.

## Miller's A-1 Quick Lunch



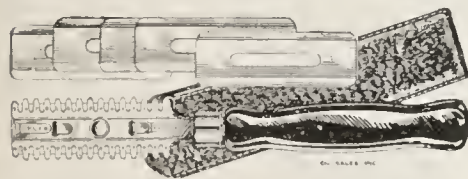
A clean meat product 60% beef designed to meet the needs of a quick lunch for dogs and puppies; rich in protein and organic matter. Can be used as a complete food, or with Miller's A-1 Ration. 1-lb. can, 10c; 12 cans, \$1.15. By parcel post, 1-lb. can, 20c; 12 cans, \$1.55.

Prices on case lots of Canned Meat for dogs quoted on our Green Ink List.

## Kit-Kat

Keeps cats from having worms, constipation, sore eyes, humors and all diseases peculiar to cats. 25c a box. Mailed, 35c.

## Duplex Stripping Comb



Strips and trims any dog. gives a smooth even finish. Complete with six blades, \$1.50, postpaid.

## Duplex Nail Clips

For trimming dogs toe nails. A dandy tool. \$1.50; by mail, \$1.60.

## Duplex Trimming Chart

A most complete chart tells you how to strip most all the long hair dogs. It's worth the price. \$1.00; mailed, \$1.10.



*You have no home if you have no dog*

REG. U. S. PAT. OFF.

## "Tet" (Tetrachlorethylene) For Worms

Tetrachlorethylene is endorsed by the U. S. Department of Agriculture as the safest known effective wormer for Dogs and Puppies. Prevents and cures Running, Barking Fits and Sore Mouth.

Box for large size dogs, \$1.00. Per box for small size dogs, \$1.00. Per box medium capsules, \$1.00. Per box (assorted for all size), \$1.00.

## Delcreo Dog Remedies



The Delcreo Dog Remedies are accepted and endorsed by the leaders of the kennel world.

Delcreo—for Distemper and Black Tongue. 4-oz. bottle, \$1.50; by parcel post, \$1.60. 16-oz. bottle, \$5.00; by parcel post, \$5.25.

Cod Liver Oil—4 ozs., 30c; postpaid, 40c. Qt., 85c; postpaid, \$1.00.

Delcreo Tonic—2-oz. bottle, 75c; postpaid, 85c.

Delcreo Laxative—4 ozs., 35c; postpaid, 45c.

Delcreo Sulfurinal—4 ozs., 50c; postpaid, 60c.

Delcreo Worm Capsules—for puppies and large dogs. Box, 65c.

Delcreo Sulphur Compound—4 ozs., \$1.00; postpaid, \$1.10.

## Glover's Dog Remedies



	Each	Post-paid
Glover's Antiseptic Mouth Wash	\$0.65	.75
Glover's Canker Wash (for ears)	.65	.75
Glover's Compound Sulphur Tablets	.65	.70
Glover's Condition Pills	.65	.70
Glover's Diarrhea Medicine	.65	.75
Glover's Digestive Pills	.65	.70
Glover's Expecto-rant Mixture	.65	.75

Glover's Eye Lotion & Eye Wash Powder	.65	.75
Glover's Fever Reducer for Distemper	1.00	1.10
Glover's Iron Tonic	.65	.75
Glover's Flea and Insect Powder	.50	.60
Glover's Kennel and Flea Soap	.25	.30
Glover's Laxative Pills	.65	.75
Glover's Liniment	.65	.75
Glover's Mange Medicine	.75	.85
Glover's Medicated Soap	.30	.35
Glover's Nerve Sedative (for fits)	.65	.75
Glover's Round Worm Capsules	.65	.70
Glover's Round Worm Vermifuge	.65	.70
Glover's Sore Foot Medicine	.65	.75
Glover's Tape Worm Capsules	.65	.75
Glover's Tetrachlorethylene Capsules	.65	.70

## Pulvex

Kills fleas, safe and effective. 2-oz. cans, 50c; by mail, 60c; 12-oz. can, \$1.25; by mail, \$1.35.

## Sopex

Destroys lice and fleas and cleanses the animal. 4-oz. can, 75c; by mail, 85c.

## Kur-Mange

Fine for the dog's coat. Cures skin diseases. 3-oz. can, 75c; by mail, 85c.



## Fleischmann's Irradiated Dry Yeast

Will keep your dogs and puppies in the pink of condition. Prevents worms and black tongue, being rich in vitamins B. G. D. 1/2-lb. can 50c; 1-lb. can, 85c; 5-lb. can, \$3.50 by mail, 1/2 lb., 60c; 1 lb., 95c; 5 lbs., \$3.70.

## Dog Scat

Will keep dogs from evergreens, shrubs and plants, etc. Dogs and cats hate it. Guaranteed to do the work. Per tube, 50c; by mail, 60c.

## Q. W. Dog Remedies



These well-known dog medicines are preferred by many kennel owners because they give results:

	Each	Post-paid
Q. W. Breeding Tablets	\$2.00	\$2.50
Q. W. Condition Powder	1.00	1.05
Q. W. Constipation Pills	.65	.75
Q. W. Cough Mixture	.65	.75
Q. W. Diarrhoea Remedy	1.25	1.30
Q. W. Glycerol for Distemper	2.00	2.10
Q. W. Dog Soap	.35	.40
Q. W. Ear Canker Lotion	1.25	1.30
Q. W. Eye Salve	1.00	1.05
Q. W. Fit Tablets	.35	1.05
Q. W. Flea Oil, Coat Grower	.65	.75
Q. W. Flea Powder	.50	.60
Q. W. Healing Salve	.65	.75
Q. W. Liniment	.75	.85
Q. W. Sulphur Compound	1.00	1.05
Q. W. Mange Lotion	1.00	1.05
Q. W. Cod Liver Comp.	1.25	1.30
Q. W. Rheumatism Tablets	.65	.75
Q. W. Tapeworm Mixture	1.00	1.05
Q. W. Tonic	.65	.75
Q. W. Verminol	.75	.85
Q. W. Worm Capsules	.65	.70
Q. W. Worm Mixture	.65	.75
Q. W. Insect Powder, Fleas	.50	.55

## Sergeant's DOG MEDICINES

"A MEDICINE FOR EVERY DOG AILMENT"

	Each	Post-paid
Sergeant's Arsenic and Iron Pills	\$0.60	\$0.65
Sergeant's Canker Wash	.60	.65
Sergeant's Carbolic Tar Soap	.25	.30
Sergeant's Condition Pills	.60	.65
Sergeant's Disinfectant, 4 ozs.	.25	.35
Sergeant's Disinfectant, 12 ozs.	.50	.65
Sergeant's Diuretic Pills—Rheumatism	.60	.65
Sergeant's Expectorant Medicine—Coughs	.60	.65
Sergeant's Eye Wash	.60	.65
Sergeant's Intestinal Astrin-gent—Diarrhea	.60	.65
Sergeant's Laxative Capsules	.60	.65
Sergeant's Liniment	.60	.65
Sergeant's Mange Medicine	.65	.75
Sergeant's Mouth Wash	.60	.65
Sergeant's Nerve Sedative—Running Fits	1.20	1.30
Sergeant's Pepsin Tablets	.60	.65
Sergeant's Puppy Worm Cap-sules	.60	.65
Sergeant's Skp Flea Powder	.25	.35
Sergeant's Skp Flea Soap	.25	.30
Sergeant's Special Distemper	1.20	1.30
Sergeant's Worm Capsules	.60	.65
Sergeant's Worm Liquid	.60	.65
Sergeant's Tape Worm Medicine	.60	.65
Sergeant's Cod Liver Oil Cap-sules	.60	.65

## Clayton's Dog Remedies

Creolin Wash, Diarrhoea Liquid, Laxative, Tapeworm Expeller, Digestive Tablets, Puppy Tonic, Sulphur Tablets, Hair Tonic, Cough Remedy, Rheumatic Tablets. Price any above, package, 25c; by mail, 35c.

## Benbow's Dog Mixture

	Each	Post-paid
24 capsules, 1/2 teaspoonful	\$0.50	\$0.65
15 capsules, 1 teaspoonful	.50	.65
4-ounce bottle	1.00	1.10
26-ounce bottle	1.50	1.75

## Miscellaneous Remedies

Sovren Black Tongue Remedy	1.00
Spratt's Chalk Blocks	.35

# R.-H. Co.'s Bird Supplies

## Eight-In-One Health Song and Vigor Restorer

A quick relief for colds and loss of song and moulting out of season in canaries. It dispels all impurities from the blood; builds them up. It contains 8 separate materials and is the result of 40 years of study of all ailments of canaries. It is highly recommended. 3-oz. bottle, 25c; by mail, 35c.



## West's Bird Food and Remedies



	Per pkg.	Post-paid
West's Magnesia Grit	\$.10	\$.20
West's Rape & Canary Mixture	.20	.30
West's Moulting Food, Glass	.25	.35
West's Asthma Relief	.25	.30
West's Bird Charcoal	.10	.15
West's Health Bells	.10	.15
West's Fruit & Honey Balls	.10	.15
West's Imported Bird Seed with Honey Bun Grit, Cuttle Bone	.25	.35
West's White Golden Spray		
Gravel	.15	.25
West's Song Restorer, Glass	.25	.35
West's Vitamin Song Food	.25	.35
West's Lice Powder, Sifter Top	.10	.15
West's Bird Tonic and Bitters	.25	.35
West's Color and Pepper Food, Glass	.25	.35
West's Special Mating Food	.25	.35
West's Parakeet Seed	.25	.35
West's Cod Liver Oil		
Nestling Food	.25	.35
West's Parrot Food	.25	.35

## Miller's Bird Supplies

Guaranteed to give satisfaction or money refunded.

	Each	Post-paid
Miller's Vitalizing Song Restorer	\$.025	\$.035
Miller's Mix Canary Seed, 10 oz.	.15	.23
Miller's Silver Bird Gravel (With Charcoal)	.10	.18

## Philadelphia Bird Seed and Remedies

	Each	Post-paid
Phil. Bird Mite Powder	\$.025	\$.030
Phil. Mixed Canary Seed, pt. box	.20	.28
Phil. Red Bird Gravel, pt. box	.15	.25
Phil. Silver Bird Gravel, pt. box	.15	.25
Phil. Drahotas Song Restorer, box	.20	.25
Phil. Bird Bitters, bottle	.25	.30
Phil. Bird Nestling Food	.25	.30
Phil. Moulting Pepper, box	.25	.30
Phil. Orange Color Food, box	.25	.30
Phil. Bird Mexican Salve	.25	.30
Phil. Bird Manna	.15	.18

## Spratt's Bird Food

	Each	Post-paid
Spratt's Egg Flake Canary Mixture	\$.025	\$.035
Spratt's Parrot Food	.25	.35
Spratt's Sing Song Tablets	.10	.15
Spratt's Cod Liver Oil		
Nestling Food	.15	.20
Spratt's Song Restorer	.25	.30
Spratt's Lovebird Mixture	.25	.35

## Bird Seed and Remedies

	Each	Post-paid
R.-H. Co.'s Mixed Canary	\$.015	\$.025
R.-H. Co.'s Mixed Canary, 10 lbs.	.90	1.15
R.-H. Co.'s Bird Hemp	.10	.20
R.-H. Co.'s Bird Rape	.15	.25
R.-H. Co.'s Bird Millet	.10	.20
R.-H. Co.'s Plain Canary	.15	.25
R.-H. Co.'s Sunflower Seed	.15	.25
French Bird Seed, 10-oz. pkg.	.15	.25
Haller's Dutch Song Restorer	.25	.35

## Cuttle Fish Bones

Bird Cuttle Bone—With holder. Large, each, 10c; postpaid, 12c. Small, each, 5c; postpaid, 7c.  
Loose, 3 for 5c; 1 lb., 40c; By mail, 3 for 10c; 1 lb., 50c.  
Wire Cuttle Bone Holders—10c.

## Bird Cage Cups, Baths, and Nests



	Each	By mail
Opal Covered Feed Cups	\$.015	\$.020
Flint Glass Covered Feed Cups	.10	.15
Opal Open Water Cups	.10	.15
Glass Breeding Cage Cups	.20	.30
Metal Parrot Cage Cups	.15	.25
Duco Colored Bird Cage Cups	.15	.20
Opal Medicine Cups	.05	.10
Crystal Fountains	.20	.30
Colored Bird Cage Tassels	.15	.20
Opal Bird Baths	.15	.25
Wire Bird Nests	.10	.15
Nesting Hair, Pkg.	.10	.12
Novelty Bells, For cages	.10	.15

## Bird Cage Springs and Brackets

	Each	Post-paid
Brass Cage Springs, Heavy	\$.015	\$.020
Brass Cage Springs, Light	.10	.15
Brass Cage Springs, Colored	.10	.15
Brass Cage Spring Chain, 2 ft.	.15	.20
C. H. Bird Cage Bracket	.15	.20

## Goldfish Food

	Each	Post-paid
Spratt's Aquarium Fish Food	\$.010	\$.015
Wafer Fish Food	.10	.15
West's Wafer Fish Food	.10	.15
West's Turtle Food	.15	.20

## Tropical Fish Food

Made especially for tropical and baby fish. Keeps them in good health. 1/2-oz. size, 15c; by mail, 20c.

## Magic Bird Food

The Bird Remedies That are Really Magic in Their Results.

	By Mail
Magic Bird Bitters	\$.015
Magic Egg and Nestling Food	.15
Magic Pepper and Color Food	.15
Magic Song Restorer	.20
Magic White Bird Gravel	.15
Magic Lice Powder	.15

# R.-H. Co.'s Poultry and Chick Feed

Prices on All Poultry Feeds on This Page Quoted on Green Ink List.

## Ful-O-Pep Chick Starter



Ful-O-Pep Chick Starter is just the feed chicks need during the first six weeks after hatching. It contains oatmeal, other grain products, cod liver meal, molasses and minerals. It reduces the mortality in the flock, makes strong bones, firm flesh and healthy hardy birds.

**BONE MEAL**—Especially made for feeding poultry. Fine and medium ground.

**CHARCOAL**—Fine for chicks, medium for pigeons, coarse for hens.

**DRIED BUTTERMILK**—Keeps poultry in good condition. Controls coccidiosis in chicks.

**DIGESTER TANKAGE**—Excellent for hog feeding.

**GRIT**—Stonemo brand, fine for chicks, coarse for hens.

**RED CROSS GRIT**—Keeps pigeons in good health.

## Ful-O-Pep Poultry Feeds

All Ful-O-Pep Poultry Feeds are now made with Cod Liver Meal, and in addition have Dried Buttermilk.

## Full-O-Pep Fine Chick Feed

## Ful-O-Pep Egg Mash

## Ful-O-Pep Coarse Chick Feed

## Ful-O-Pep Scratch Grains

**OYSTER SHELL**—Fine for chicks and pigeons, coarse for hens.

**MEAT SCRAPS**—A necessity when feeding poultry.

**PIN HEAD OAT MEAL**—For baby chicks.

**ROLLED OAT MEAL**—For chicks and rabbits.

## Canada Field Peas

Fine for mixing with pigeon feeds.  
**SUNFLOWER SEEDS**—(Feeding wheat.)

## Try Shelko

The new fuel for brooder stoves. It is ashless, smokeless, dirtless.

## Ful-O-Pep Growing Mash



Should be fed from the sixth week until the sixth month.

Oatmeal in the mash insures an unusual quantity of fine flavored breast meat. Continue feeding the growing mash through the summer months.

## Happy Pigeon Feed

Happy No. 1 contains Whole Corn. Happy No. 2 Pigeon Feed contains no corn or vetch.

## Sunrise Rabbit Mash

One of the best and most satisfactory mash feeds for rabbits.

## Schumacher Calf Meal

A perfect milk substitute, prevents scours and keeps calves in condition.

## Chamberlain's Perfect Chick Starting Grain

Strictly a grain chick feed for starting and developing baby chicks. Does not contain any corn whatever, therefore avoids indigestion and bowel trouble.

# R.-H. Co.'s Poultry Remedies

## Animal Poultry Yeast Farm

### Vigor Personified



Especially prepared for Poultry. Added to the feed for poultry gives baby chicks a good start, prevents in a large measure diarrhoea and dysentery, which destroy such a big percentage of baby chicks every year. It makes young birds grow quickly, giving them increased vitality, also keeps egg production high without forcing the

birds. 12-oz. pkg., 50c; By mail, 60c. 4-lb., box, \$1.00; By mail, \$1.15.

## AVICOL

### For Chick Diarrhea

Avicol should be in the very first water the little chicks drink. And it will pay you to keep it in the drinking water for all the flock, old and young. 32-tablet size 50c; 80-tablet size \$1.00; parcel post paid.

### Avian Bacterin

Protects your flock against roup colds. This wonderful preparation is administered by means of a hypodermic syringe. Complete directions with every package. 60-dose, \$1.50; 125-dose, \$2.50; 250-dose, \$4.00; 500-dose, \$6.00. Syringe and needle, \$1.50.

Fowl Pox Vaccine, 100-dose size, \$1.00; 500-dose size, \$4.00. All postpaid.

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## Black 40 Leaf Kills Lice

*Just Paint the Roosts*

Simply paint the perches, it works while chickens sleep.

1-oz. bottle 35c; 5-oz. bottle \$1.00; 1-lb. bottle \$2.25; 2-lb. bottle \$3.25; 5-lb. tin \$5.85; 10-lb. tin \$9.85; not available.

## Black Leaf Worm Powder

### A Flock Treatment.

For Round and Pin worms in poultry. 100 bird size, 75c; 600 bird size, \$2.90, postpaid.

## Bee Dee Poultry Powder

A poultry and stock medicine, cures and prevents ailments to which fowls and animals are subject. 25c size, mailed 30c. Large size, 50c; mailed, 60c.

### Chickoline

A sure cure for Sorehead or Chicken Pox in poultry.

Chickoline is also a fine remedy for colds, roup, diphtheria and canker in poultry; also for head lice on baby chicks.

Per bottle, with brush, 60c; parcel post, 70c.

### Catechu

To control Coccidiosis. Add one teaspoonful to each gallon of drinking water. Keep premises sanitary. Per box, 50c; by mail, 60c.

## Conkey's Poultry Remedies

	Box
Diarrhoea .....	\$0.50
Roup Pills .....	.50
Roup Powder .....	.50
Parcel post, 10c each extra.	

## Cholerine

### An Iron Tonic for Poultry



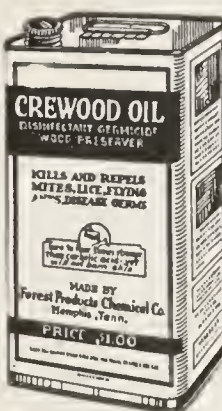
Cholerine is a highly recommended preparation without an equal for building up the health and vitality of poultry.

Highly effective in the treatment of Diarrhea and Cholera in chicks.

8-oz. bottle .....\$0.35  
16-oz. bottle ..... .65

### Postpaid:

8-oz. bottle .... .45  
16-oz. bottle .... .75



## Crewwood Oil

Paint or spray the poultry house with Crewwood Oil. Insects, mites or lice cannot survive where it is.

It is a special distilled wood creosote that soaks into the wood and kills the germs and mites instantly.

1-gal. can ..\$0.90  
2½-gal. drum 1.50  
5-gal. drum.. 2.50  
50-gal. drum 17.00

## Dr. Salsbury's Poultry Remedies

Avi-Tabs Flock Worm Treatment. 60c and \$1.00 sizes.

Cam-Pho-Sal for Roup and colds. \$1.00 and \$1.50 sizes.

Phen-O-Sal for Bowel Trouble. 50c and \$1.00 sizes.

Rakos for Coccidiosis. Pint, \$1.00.

Kamala Tapeworm Capsules. Adult size. 100 for \$1.35.

Kamala Nicotine Caps. Round and tapeworm, adult size. 100 for \$1.35.

Kamala Nicotine Caps. Chick size.. 100 for 90c.

Nicotine Roundworm Capsules. Adult size. 100 for 90c.

Salsbury's Fowl Pox Vaccine. 100 dose, \$1.00.

Salsbury's Roup Bacteria. 60 C. C. \$1.50.

Salsbury's Rabbit Tablets, Bowel, 25c and 50c sizes.

Above prices postpaid.

## Don Sung

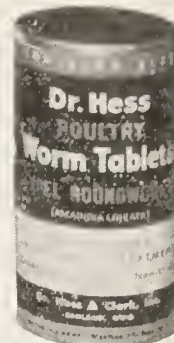
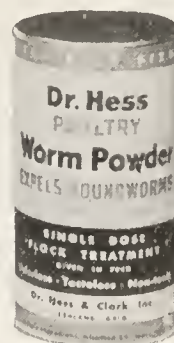
### Makes Hens Lay

We guarantee you more eggs or no pay. It is a balanced mineral conditioner. It improves the hen's health, tones up her egg laying organs and makes her stronger and more productive.

Trial size, 45 tablets, 50c; large size, 135 tablets, \$1.00; postpaid.



## DR. HESS REMEDIES



### DR. HESS POULTRY WORM POWDER

A single dose flock treatment for expelling round worms, odorless and tasteless. 2-oz. can, enough for 50 adult chickens, 50c. 4-oz. can, enough for 100 adult chickens, 90c, postpaid.

### DR. HESS POULTRY WORM TABLETS

A single dose individual treatment for expelling round worms, odorless and tasteless. 40 tablets, box 50c. 100 tablets, box \$1.00, postpaid.

	Each	Post- paid
Dr. Hess Chick Tablets, Diarrhoea. Small pkg. ....	\$0.25	\$0.30
Medium pkg. ....	.50	.55
Large pkg. ....	1.00	1.10
Dr. Hess Louie Killer. 1-lb. pkg. ....	.25	.35
Dr. Hess Roup Tablets. Medium pkg. ....	.50	.60
Small pkg. ....	.25	.30
Dr. Hess Dip and Disinfectant. 12-oz. bottle .....	.35	.50
1-qt. can .....	.50	.70
Dr. Hess Pan-A-Min. 1½ lb. pkg. ....	.25	.35
Dr. Hess Pan-A-Min. 3-lb. pkg. ....	.45	.60
Dr. Hess Pan-A-Min. 7-lb. pkg. ....	.85	1.10
Dr. Hess Pan-A-Min. 15-lb. pkg. ....	1.75	2.20
Dr. Hess Pan-A-Min. 25-lb. pkg. ....	2.50	2.95
Dr. Hess Med. Healing Pow. 4-oz. pkg. ....	.25	.35

## Germozone

Germozone twice a week in the drink destroys disease germs taken in with the food or water—Corrects and prevents diarrhoea and bowel troubles.

Also cures Roup, Colds, Canker, Swelled Head and such disorders.

	Each	Post- paid
Lee's Germozone Liquid—4-oz. bottle ....	\$0.10	\$0.50
12-oz. bottle .....	.75	.90
32-oz. bottle (not available) ..	1.50	
Lee's Germozone Tablets .....	.25	.30

## Group Over

### The Over-Night Roup Remedy

This famous remedy gives prompt and positive results. 50c; \$1.00. Parcel post, 60c and \$1.10.

### Korum

A most satisfactory preparation for bowel trouble in chicks, hens and turkeys. 8-oz. bottle, 65c; by mail, 80c. 16-oz. bottle, \$1.00; by mail, \$1.20.

## Lee's Poultry Remedies

Lee's Mulsion, 12-oz. bottle ..... \$1.00  
Lee's Lice Killer ..... Qt. .60  
Lee's Lice Killer ..... ½ gal. .90  
Lee's Lice Killer ..... 1 gal. 1.50  
Lee's Vapo Spray, Qt. can 75c—not available.  
Lee's Gizzard Capsules—Trial size for hens, 10 capsules, 10c.  
Poultry Size—50 capsules, 75c; 100, \$1.35; 250, \$3.00; 1000, \$10.00.  
Chick Size—50 capsules, 40c; 100, 75c; 250, \$1.75.  
Pullet Size—50 capsules, 50c; 100, \$1.00; 250, \$2.50.  
Prices on Gizzard Capsules are postpaid.

**LeGear's Poultry Remedies**

	Each	Post-paid
<b>Kamala Worm Pills</b>		
pkg. of 50 .....	\$0.75	\$0.80
<b>Nicotine Round Worm Pills,</b>		
box .....	.50	.60
<b>Poultry Prescription.</b>		
3 1/2-lb. pkg. ....	.25	.45
8-lb. pkg. ....	.50	.70

# Licene

For Killing Body Lice on Chickens.  
Per tube, enough for 100 hens, 50c; by  
parcel post, 60c.

**P. H. Powders**

Put in the fowls' food. It holds down  
worms, thus avoiding any special dosing.  
Safe and sure. 4-oz. pkg., 50c; 1 1/2-lb. pkg.,  
\$1.50. By mail, 4-oz. pkg., 60c; 1 1/2-lb. pkg.,  
\$1.65.

**Poultry Litter**

A perfect scratching material for baby  
chicks. A deodorizer, absorbent disinfectant  
and labor-saving litter. 1/2 bale, \$2.25; per  
bale, about 16 bushels, \$3.50.

**Nomoppin**

Cures and prevents chicken sorehead.  
Given simply in the drinking water, avoid-  
ing individual treatment. Aids egg produc-  
tion. Guaranteed to give results.  
Bottle, 35c; Not Mailable.

**Parke-Davis C. A. Capsules**

For large round worms and tape worms  
in chicks, chickens and turkeys.

Price, C. A. Capsules, No. 196, for young  
chicks or poults. Pkg., 12 capsules, 40c;  
No. 196, for adult birds and large turkeys,  
pkg., 12 capsules, 50c. All parcel post paid.

**Pratt's Chick Tablets**

Avoids chick losses from  
most common bowel trou-  
ble. Use Pratt's Chick  
Tablets in the drinking  
water for the first 10 days.

Small pkg. ....	\$0.25
Mailed .....	.35
Large pkg. ....	.50
Mailed .....	.65

**Purina Lice Powders**

Fully guaranteed. If it does not prove sat-  
isfactory, you can get your money back.  
25c a box; by mail, 35c.

**Pratt's Disinfectant**

For Stock and Poultry.

A quick, effective germi-  
cide, insecticide, and de-  
odorant.

Pint can .....	\$0.35
Mailed .....	.50
Quart can .....	.50
Mailed .....	.70
2-qt. can, (not mail- able) .....	.85
Gal. can (not mail- able) .....	1.45

**Pratt's Gape Compound**

This is for external use only. Price, 25c;  
by mail, 35c.

**Pratt's Healing Ointment**

A satisfactory preparation for head lice  
on baby chicks. Per tube, 30c; by mail,  
35c.

**Pratt's Lice Powder**

For positive and quick results use  
Pratt's Lice Powder. It is especially pre-  
pared for poultry. Box, 25c; by mail, 35c.

**Pratt's N. K.**

"Split Action" Capsules

A special process in  
this new preparation en-  
ables you to obtain a  
poultry worm Capsule in  
which Kamala and Nico-  
tine act separately sever-  
al hours apart. The medi-  
cines do not interfere  
with each other, their ac-  
tion is split just like two  
worm treatments in one  
capsule. This is the new  
way to get most satisfac-  
tory results.

Adult Size—50 caps., 85c; 100 caps., \$1.50;  
1000 caps., \$10.00.  
Chick & Pullet Size—50 caps., 55c; 100  
caps., \$1.00, 1000 caps., \$6.50.

**Pratt's Roost Paint**

Kills lice on hens by  
just painting the roosts.  
1/2-pt. can ..... \$0.75 || 1-pt. can ..... | 1.25 |
| Not mailable. | |

**Pratt's R-P Tablets**

(Formerly called  
Roup Tablets)

An easy, powerful  
product to use in  
treating colds, canker, catarrh, etc.

Small pkg. ....	\$0.25
Mailed .....	.30
Large pkg. ....	.50
Mailed .....	.60

**Pratt's Poultry Regulator**

Builds up vitality,  
promotes sound  
digestion, sharpens  
appetite, and puts  
birds into condition  
for heavy egg lay-  
ing.

1 1/2-lb. pkg. ...	\$0.25
Mailed ....	.40
4-lb. pkg. ...	.50
Mailed ....	.70
12 1/2-lb. pkg. ...	1.40
Mailed ....	1.65
25-lb. pail ...	2.75
Mailed ....	3.20

**Pratt's Sorehead Chicken Pox Preparation**

A sure cure for sorehead in poultry.  
Pkg., 25c; by mail, 35c.

**Pratt's Special Compound**

This was formerly  
called Cholera Pre-  
paration. Used for  
bowel trouble and  
cholera in poultry.  
Pkg., 25c. Postpaid,  
30c.

**Ray-Zem**

For the prevention  
of blackhead and  
roup in turkeys. Ray-  
zem has saved thou-  
sands of turkeys.

4-oz. can, 50c; post- paid, 60c.
8-oz. can, \$1.00, postpaid, \$1.10.
16-oz. can, \$1.75; postpaid, \$1.90.
32-oz. can, \$2.25; postpaid, \$2.45.
1/2 gal., \$2.75; 1 gal. \$5.00.

**Shelko Coal**

The new economical fuel—ashless, soot-  
less, smokeless, dirtless. Shelko is superior  
for brooder stoves. It is easy to ignite, re-  
quires but very little kindling, holds the  
fire over 20 hours with same even heat,  
since this new fuel burns evenly until it is  
all consumed.

Two tons of Shelko is equal to three tons  
of any other fuels, therefore is lower in  
price than Anthracite or hard coal. 40-lb.  
bag, 60c; ton price on application.

**\$1000 Remedies**

We absolutely guarantee these prepara-  
tions. If you don't get proper results after  
following directions, you can be the judge;  
your money will be refunded.

**\$1,000.00 Guaranteed Roach Killer.** 35c, 65c,  
\$1.25 cans; by parcel post, 10c each size  
extra.

**\$1,000.00 Guaranteed Ant Bane.** 35c, 65c  
cans; by parcel post, 10c each size extra.

**\$1,000.00 Guaranteed Flea Killer.** 50c; by  
parcel post, 10c extra.

**\$1,000.00 Guaranteed Bedbug Killer.** 35c,  
65c size; by parcel post, 10c each size  
extra.

**Tobacco Powder**

Controls  
round worm  
in poultry.  
Easy to use  
and very in-  
expensive. Mix  
2 pounds of  
this extra fine  
quality To-  
bacco Powder  
in 100 pounds  
of mash. 2-lb.  
pkg., 25c;  
postpaid, 40c.  
10 lbs., 85c;  
postpaid, \$1.10.

# TALCIMIZED SODIUM FLUORIDE

It kills both old and young lice, including  
the young which hatch from the eggs pres-  
ent on the fowl at time of treatment. Tal-  
cimized Sodium Fluoride is the form for  
poultrymen to use.

	Each	Post- paid
Small size (for 40 chickens) ...	\$0.35	\$0.40
Large size (twice as much) ...	.60	.70

**Walko Diarrhea Tablets**

Walko is a reliable germicide. It is espe-  
cially destructive to the white diarrhea  
germ, yet perfectly safe to give little chicks  
in their drinking water as soon as they are  
out of the shell. Sold in 50c and \$1.00 size  
boxes; by parcel post, 55c and \$1.10.

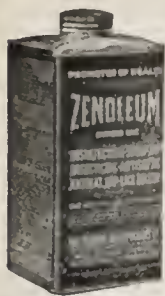
**Worm R Powder**

A flock worm eradicator that will not  
throw the fowls off egg production. It does  
not set back the younger fowls. 7-oz. pkg.,  
enough for 3 doses for 150 hens, \$1.00; by  
mail, \$1.10.

**Worm R Tablets**

These are for individual treatment for  
poultry worms. They contain Kamala, Nico-  
tine Sulphate. Pkg., 100 tablets, hen size,  
\$1.00; by mail, \$1.10. Pkg., 200 tablets,  
chick size, \$1.00; mail, \$1.10.

## Zenoleum



Used for livestock and poultry to prevent lice and mites, as well as general use about the farm, barn and the house.

8-oz. can	.....\$0.35
1-qt. can	..... .75
2-qt. can	..... 1.25
1-gal.	..... 2.00
5-gal.	..... 7.50

All prices on Zenoleum are f. o. b. Memphis. We cannot mail Zenoleum.

## Bag Balm

Relieves and cures udder trouble, caked bags, cow pox, chapping, inflammation of all kinds in cows. Per box, 60c; by parcel post, 70c.



B-K is a clear, colorless, non-poisonous germ killer used in dilution with water. B-K is absolutely harmless when used around poultry. Every dairyman should keep a bottle of B-K. 10-oz. bottle, 50c; mailed, 60c. Qt. bottle, 90c, mailed, \$1.05.

## Bee Brand Insect Powder

Non-poisonous to humans, animals or pets, but kills moths, lice, bedbugs, potato bugs, flies, mosquitoes, ants, roaches, fleas and poultry lice.

## SPECIALLY PRICED

2 3/4-oz. can, 18c; mailed, 24c. 6-oz. can, 35c; mailed, 45c. 11-oz. can, 65c; mailed, 75c.

## Dr. Blackman's Medicated Salt Brick

Brick shape, made of purest salt and medicine necessary for treatment of diseases for which it is intended. Per brick, 25c. By parcel post, per brick, 45c.

## Fly Spray

Useful both for stock and household use for killing flies, mosquitos, etc. For Cows and Horses—Qt., 50c; 2 qts., 85c; gal., \$1.45.

For Household use—Pt., 50c; qt., 90c; gal., \$3.25.

## Kow-Kare



Watch every cow and at the first sign of disorders in appetite, digestion or flow of milk, give a dose of KOW-KARE. It cures abortion, barrenness and scours, caked udder, removes retained afterbirth.

A medicine for cows only. Small size, 65c; by mail, 75c. Large size, \$1.25; by mail, \$1.40.

## Dr. Hess Udder Ointment

Especially prepared for the treatment of injuries and congestion of the udder and teats. Penetrating, soothing, healing.

Can, 50c; by mail, 60c.

## Hydrated Lime

Everyone knows its value; the best deodorizer. Be careful and don't let the lime get into the eyes or on your hands. Price, 10-lb. pkg., 60c, postpaid. Not prepaid, 35c; 40-lb. bag, 70c.



Nopco Cod Liver Oil increases egg production, eliminates soft-shell eggs, helps to eliminate blood spots. Improves hatchability, produces stronger chicks, builds bone, promotes growth, reduces mortality, gives a better moult, conditions and protects against diseases.

1-qt. can	.....\$0.35
2-qt. can	..... .65
1-gal. can	..... 1.25

F. O. B. Memphis.



## Salvet Hog Wormer and Tonic.

	Each	Post-paid
3-lb. pkg.	.....\$1.00	\$1.15
7 1/2-lb. pkg.	..... 2.10	2.25
15-lb. pkg.	..... 3.60	3.95

## Stock Powders

Blackman's Stock Powder, 1 1/4-lb. pkg., 25c; mailed, 35c.

Dr. Hess Stock Tonic, 1 1/2-lb. pkg., 25c; postpaid, 35c. 3-lb. pkg., 45c; postpaid, 60c. 5-lb. pkg., 65c; postpaid, 85c. 15-lb. pkg., \$1.75; postpaid, \$2.00. 25-lb. pkg., \$2.50; postpaid, \$2.95.

Dr. Hess Hog Special, 1 1/2-lb. size, 25c; postpaid, 35c. 3-lb. size, 45c; postpaid, 60c. 7-lb. size, 85c; postpaid, \$1.10.

LeGear's Stock Powders, 1 1/2-lb. size, 25c; postpaid, 35c.

## Pratt's Animal Regulator

21-oz. pkg., 25c; mailed, 35c. 48-oz. pkg., 50c; mailed, 65c; 25-lb. pail, \$2.75; mailed, \$3.20.

## Red Star Insecticide

Sure death to all insects such as ants, flies, mosquitoes, gnats, roaches, waterbugs, bees, wasps, etc. Will not stain, can be used indoors. Guaranteed to do the work. Qt., 60c; 1/2 gal., \$1.00; gal., \$1.75. Not mailable.



Morton's Sausage Seasoning, 3-oz. size 10c; by mail, 15c. 10-oz. size, 25c; by mail, 35c.

## Meat Smoke

Now largely used for curing meat where directions are followed. It does the work equally as good as the old way of smoking meat. It is also used for flavoring in cooking meats.

Dean's Liquid Smoke ..... Pt., 50c; qt., \$1.00  
Old Smokehouse Brand, Pt., 50c; qt., 1.00  
Dixie Liquid Smoke ..... Pt., 50c; qt., 1.00  
One Pint of Liquid Smoke will Treat 150 Lbs. of Meat.



Smokes and salts meat at the same time. It is not necessary when using Morton's Smoke Salt to put down your meat in plain salt.

Use Morton's and do the job of salting, smoking and curing your meat all at the same time. The treatment is simple and satisfactory, full directions come on the package. Price: 2 1/4-lb. size, 25c; by mail, 35c. 10-lb. size, 90c; by mail, \$1.15.

## Rat and Mouse Destroyers

## RED CROSS RAT AND MOUSE EMBALMER

A sure rat and mouse destroyer that does the work thoroughly without any odor. 25c, 50c and \$1.00 per can. Poison; cannot be mailed.

## Top Zol

Prepared rat baits ready for instant use; do they like them, and how! It is non-poisonous to humans or pets. 10c per bag, mailed, 15c.

JIM DANDY RAT AND MOUSE KILLER In pellet form, non-poisonous to pets, stock or humans. 10c pkg., mailed, 15c.

\$1000 GUARANTEED RAT KILLER Money back if it fails to satisfy. Pkg., 35c. Not mailable.

## MOUSE SEED

No mixing needed. The perfumed seed attracts and kills the mice that eat it. Box, 25c. Not mailable.

## CYANO GAS

Kills rats and moles. 1/2-lb. can, 45c; 1-lb. can, 75c; 5-lb. can, \$3.00. Not mailable.

## ZELIO RAT POISON

A powerful rat and mice destroyer. It acts slowly and the animal leaves the premises instead of dying in the hole. 2-oz. tube, 50c. Poison; not mailable.



A SEED THAT KILLS MICE PREFERRED TO FOODSTUFFS ATTRACTIVE TO MICE ONLY GETS THEM WITHOUT FAIL

Money back if it fails. Pkg., 10c. Not mailable.

## COWLEY'S RAT AND MOUSE EXTERMINATOR

This preparation is a scientific chemical compound, and is made in a way that attracts the rats and mice to drink it. This is the secret: They will drink it, and as it only requires a very small amount to kill, there is no telling how many can be killed in one night. Price 50c; f.o.b. Memphis. Not mailable.

Exterminator Rat Poison ..... Pkg., 10c  
Exterminator Mouse Seed ..... Pkg., 10c  
Not mailable.

# R.-H. Co.'s Poultry and Chick Fountains

## Glass Pan Fountains



For use with Mason Jars; the ideal fountain for water, buttermilk or medicated water. Diameter of pan, 6 inches. Chicks cannot get into the pan. Price, without jar, 15c; Mailed, 25c.

## Gem Chick Fountain

Easy to fill and clean; a good, serviceable fountain for chicks or growing fowls.

No. M158. 1 gallon size. Each, 50c.

No. M159. 2 gallon size. Each, 70c.

By mail, 20c each extra.



## Mason Jar Buttermilk Feeder

For Milk, Buttermilk or Medicine.

Bright charcoal tin—acid and weather-proof—for feeding medicine and milk.

No. T25—Fountain. Bright charcoal tin (without jar). Each, 10c; 4 for 35c. Mailed each, 20c; 4 for 50c.



## Makomb Chick Fountain



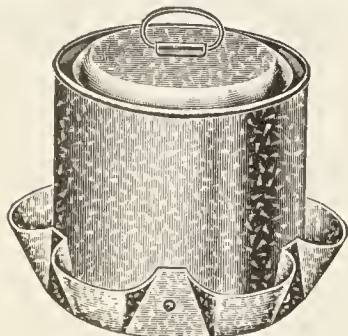
Tank and pan made of heavy galvanized sheet. Two-piece construction. Tank snaps into pan on glove fastener principle. Tank is inverted to fill and the pan snapped in place. The fit between tank and pan is close and prevents water splashing out when the fountain is turned into an upright position for use or carrying.

Scalloped edges of drinking trough provide individual drinking space for chicks and they cannot get wet.

No. 416—4-qt. size, 50c; mailed, 60c.

No. 417—6-qt. size, 60c; mailed, 80c.

## Snap-On Chick Waterer

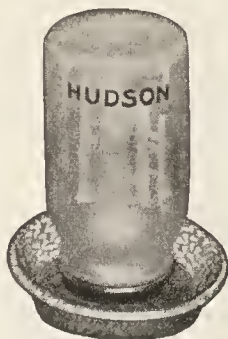


Inexpensive but good. Escalloped pan has six drinking spaces. Can fit snugly in pan and is held in place by friction. Made of heavy galvanized steel.

No. 100B—1-gal. size, 50c; mailed, 70c.

No. 100C—2-gal. size, 75c; mailed, \$1.10.

## Mason Jar Fountain



Constructed so that plenty of water is always in the pan. Pan will not overflow. Fits standard mason jar.

No. M25 Fountain. Galv. (without jar). Each, 10c; 3 for 25c. By mail, each, 20c; 3 for 40c.

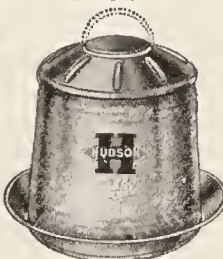
## Handy Fill Fountain

Capacity, 5 qts.; single wall fountain, made of galvanized iron. The pall and pan snap together on a glove fastener principle; especially designed for baby chicks. Handy to fill and clean.

No. C1G. 5-qt. size. Each, 50c; mailed, 65c.



4-qt. Fountain, 20c.



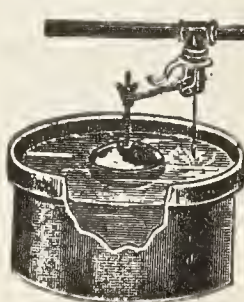
## Stoneware Fountain

It is made in two parts, the saucer being separated from the upper portion, so it can be easily cleaned. These stoneware fountains are the best to have when using any medicine. 1 qt., 30c; 2 qts., 45c; 4 qts., 60c.

## EXTRA SAUCERS

For 1-qt. Fountain, 10c; for 2-qt. Fountain, 15c; for Not mailable.

## Automatic Fountain



Can be attached to iron pipe, barrel or tank; insures a continuous supply of fresh water. The automatic valve and float is entirely of brass, nickel finish.

No. M30. Without pan, \$1.00; by parcel post, \$1.10.

## Bottom Fill Chick Fountain

A two-piece cone shaped fountain, easily filled and cleaned. An ideal fountain for a small group of baby chicks. Made in two sizes.

No. B-1. 1 qt. Each, 10c; mailed, 20c.

No. B-2. 2 qt. Each, 20c; mailed, 35c.



## Oakes' No. E68 Fountain and Feeder

A galvanized pan made to hold any Mason fruit jar. Can be used either for feed or water. Easy to fill; not necessary to unscrew the jar. We do not furnish jars. Price, each, 10c; 4 for 25c. By parcel post, each 20c; 4 for 35c.

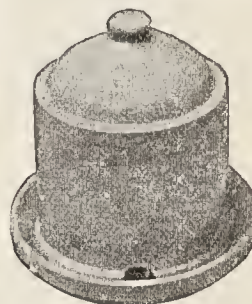
## Star Fountain

No parts to come unsoldered. Leaking impossible. Will fit pint, quart or half-gallon Mason jar.

Price of holder, without jar: No. M32, galvanized. Each, 10c; 3 for 25c. By parcel post, each, 20c; 3 for 40c.



## Stoneware Buttermilk Fountain



This is the best constructed Earthen Buttermilk Feeder on the market. The saucer and top container are highly glazed inside and out, of high grade earthenware. 1/2-gal. size, 45c. 1-gal. size 60c.

## EXTRA SAUCERS

For 1/2-gal.

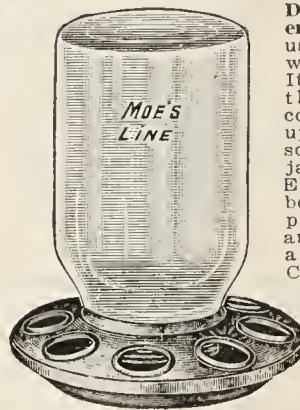
Fountain, 15c. For 1-gal. Fountain, 20c. Not mailable.

## Coop Drinking Cup



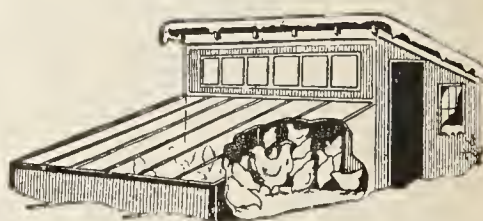
Used for mating or exhibition coops. Each, 10c; parcel post, each, 18c.

## The Dandy Chick Waterer and Feeder



Our No. No. 194 Dandy Chick Waterer can also be used for feed as well as for water. It will not waste the feed. Very convenient, as the upper pan once screwed onto the jar is left there. Entirely sanitary because the lower pan is free from any dirt-catching attachments. Chicks do not get wet using this fountain. Diameter, 6 in., with 8 round holes. Galvanized. Each, 15c; 2 for 25c. Postpaid, 20c each; 2 for 35c.

## Glass Cloth



Glass Cloth is excellent for Poultry Houses, Brooder House, Hotbeds, Cold Frames, Windows, Doors, etc., and is a perfect substitute for glass, except for roofing. All Glass Cloth comes 3 feet wide.

## Prices

One piece 5 yards long	\$1.20
By parcel post	1.40
One piece 10 yards long	2.30
By parcel post	2.60
One piece 15 yards long	3.30
By parcel post	3.65

**Leader Fountain**

For hens and growing chicks; also baby chicks. Provides adequate water supply without crowding. The pan is properly shaped to prevent chicks getting into the trough, but it is deep enough for use of hens. It is made of heavy gauge steel, a durable and strong fountain.

No. 0202, 2-gallon Leader Fountain, \$1.15.  
By mail, 30c each extra.



No. C5

**Double Wall Fountain**

This double wall waterer is top filled. Double wall keeps water cool in summer and retards freezing in winter. Small automatic valve prevents pan overflowing while being filled. New pivot mounted disc on cover wobbles from side to side and positively prevents roosting on cover.

No. C5 Fountain, 5 gal., pan diam., 15 in.  
Each, \$2.90.

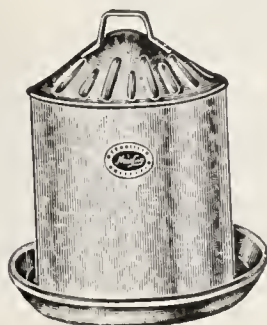
No. C8 Fountain, 8 gal., pan diam., 17 in.  
Each, \$3.65.

**E-Z Fill Double-Wall Fountains**

A new, inexpensive double-walled fountain with heavy ball for carrying the outer can. Can be used for baby chicks or hens. The new style has a cone-shaped roost-proof top. Drinking space all around fountain. Ball is held out of water. Easy to fill and clean. No corks or valves.



No. 031, 3-gallon size fountain only.  
Each, \$2.00.

**Moe's Crescent Top Fill Fountain**

Made with double walls which keeps the water cool all summer and retards freezing in the winter. A steel cone top prevents roosting. Made of prime galvanized steel, easy to keep clean. The top section telescopes over the water container which is securely fastened so that the fountain may be carried by the handle conveniently.

	Each	Post-paid
No. M268—1½-gal. size, each	\$0.95	\$1.15
No. M269—3-gal. size, each	1.60	1.90
No. M270—5-gal. size, each	1.95	2.35

**Square Top Fill Fountain**

Double wall. Fills from the top, thus avoiding the annoyance of spilling over while being filled. Can be hung up out of the litter, and the square pan gives drinking facilities for two pens at the same time.

No. M1, 1-gal. capacity. Each, \$1.25; by parcel post, \$1.50.

No. M2, 2-gal. capacity. Each, \$1.75; by parcel post, \$2.10.

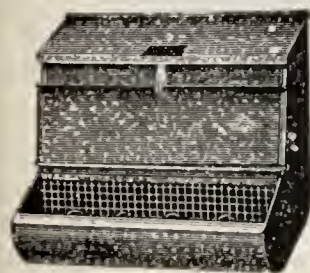
No. M4, 4-gal. capacity. Each, \$2.20; by parcel post, \$2.60.

**Stoneware Rabbit Feeder**

Has flanged top, thus preventing waste of feed. Cannot be turned over while in use. Each, 20c. By mail, each, 40c.

**Stoneware Rabbit Waterer**

Made especially for the purpose; animals cannot tip them over, as they are extra heavy. Each, 20c. By mail; each, 40c.

**R.-H. Co.'s Poultry and Chick Feeders****Non-Clog Dry Mash Hopper**

Does not clog, no matter how coarse the mash.

No. M36, 14-qt. capacity. \$1.50; by parcel post, \$1.85.

No. M13, 22-qt. capacity. \$1.75; by parcel post, \$2.15.

**Grit and Shell Box**

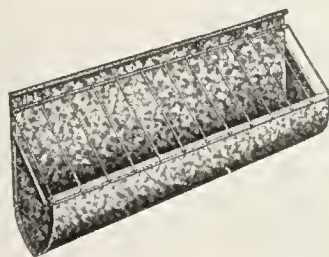
Feeds grit, oyster shell and charcoal without waste.

No. M45, Two compartments, chick size. Each, 35c; by parcel post, 50c.

No. M9, Three compartments, hen size. Each, 65c; by parcel post, 85c.

**Phen-O-Sal Tablets**

Should be put in the drinking water every week. They are dependable for fowls of all ages. 50 tablets, 50c; 125 tablets, \$1.00, postpaid.

**Wall Mash Feeder**

Won't waste feed; can be kept out of the way and will always be sanitary if left hanging on the wall. 30 inches long; capacity 16 lbs.

No. 026, Wall Mash Feeder, \$1.65. By parcel post, \$2.10.

**Baby Chicks**

Will develop faster and keep in good health if you use Dr. Salsbury's Avi-Tone, a flock treatment, right from the start. 2-lb. pkg., 75c; mailed 85c. 5-lb. pkg., \$1.75; mailed, \$1.95.

**For Healthy**

Worm-Free Hens—Use Dr. Salsbury's Avi-Tabs

A flock treatment and tonic combined in tablet form. 50 tablets, 60c; 100 tablets, \$1.00, postpaid.

**Round Mash Hopper**

Capacity of 8 quarts. Has wire grid which rests on the feed and prevents the bird from wasting it.

No. M150, 50c; post-paid, 70c.

**Oakes' Chick Grit and Shell Boxes**

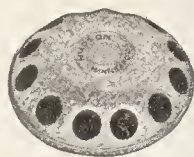
Chicks should have grit, oyster shell and charcoal, and for this purpose Oakes' Chick Grit and Shell Box is indispensable. Made with 3 compartments.

No. 073, Chick size. Each, 40c; parcel post, 50c.



# R.-H. Co.'s Poultry and Chick Feeder

## Round Chick Feeders



H12



H8

Used for water and all kinds of chick feeds.

No. H8, Feeder. Galv. 8 holes. Each, 10c; mailed, 20c.  
No. H12, Feeder. Galv. 12 holes. Each, 15c; mailed, 25c.

## The Chicadee Feeders



These moderate price feeders are made for those who have only a few chicks. They answer all purposes as a feed saver, yet are simple and convenient—two sizes.

No. M-520. 13 in. long, 16 feeding holes. Each, 10c; mailed, 18c.  
No. M-521. 23 in. long, 32 feeding holes. Each, 20c; mailed, 35c.

## Single Trough Feeder



Just the thing for feeding baby chicks; has sliding top, easily cleaned.

No. 56. 18 inches long. Each, 30c; by parcel post, 45c.  
No. 57. 24 inches long. Each, 35c; by parcel post, each, 50c.

## Double Trough Feeder



Has two sides, otherwise identical with the single trough.

No. 58. 12 inches long. Each, 25c; by parcel post, 35c.  
No. 59. 18 inches long. Each, 30c; by parcel post, 45c.  
No. 60. 24 inches long. Each, 35c; by parcel post, 50c.  
No. 76. 36 inches long. Each, 50c; by parcel post, 70c.

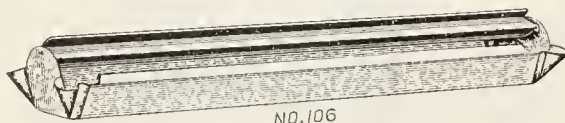
## Square Bottom Chick Trough



A very popular type of trough; has a revolving guard, mounted on the ends, so that it tips birds off. The guard is adjustable up and down to permit using trough for different size chicks.

No. 0630. 30 inches long, 3 1/8 inches wide, 1 1/2 inches deep. 25c; by mail, 45c.

## Winner Chick Feeder

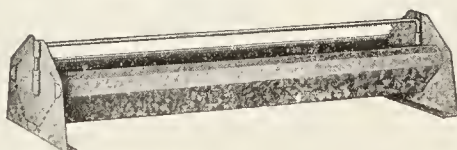


NO. 106

The trough is made of heavy galvanized steel, die stamped in one piece, holds either water or feed. Revolving Z-shaped metal reel, prevents chicks from getting into the trough. The pan is 1 1/2 inches deep, 2 1/2 to 3 inches wide. Sold at a low price.

No. 0104, Feeder. 10 in. long. Each 10c; mailed, 20c.  
No. 0105, Feeder. 16 in. long. Each, 15c; mailed, 25c.  
No. 0106, Feeder. 22 in. long. Each, 20c; mailed, 40c.

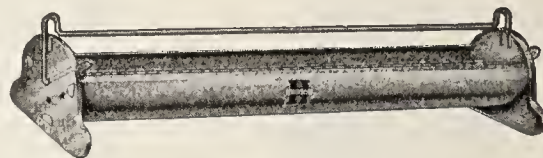
## Chick Feed Troughs



Die stamped, V-shaped bottom and flanged edge prevent waste of feed. Wire top guard adjustable.

No. OF12, Feeder. 12 in. long. Each, 10c; mailed, 20c.  
No. OF18, Feeder. 18 in. long. Each, 15c; mailed, 30c.

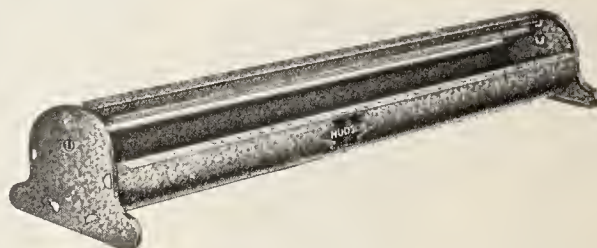
## Popular Chick Feed Trough



Well made, the turned in flange at trough edge prevents feed waste. The wire guard rod prevents chicks getting into trough and may be swung aside for filling or cleaning. Adjustable to two positions for starting or growing chicks.

No. N24, Feeders, 24 inches long. Each, 20c; mailed, 35c.

## Reel Type Chick Feeders



Adjustable to two positions for small or growing chicks. The rounded bottom and turned in flange at trough edge prevents feed waste and insures strength. The reel is all steel and is well balanced on smooth revolving pins. An excellent feeder, reasonably priced.

RO24, Feeder. 24 inches long. Each, 25c; mailed, 40c.

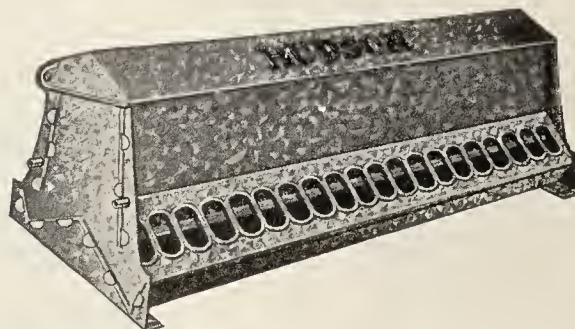
## Large Reel Type Chick Feeder



Revolving reel type feeder with relatively large capacity for baby chicks. Fully adjustable balanced four blade reel prevents roosting.

No. M466, Feeder. 24 in. long. Each, 45c; mailed, 65c.  
No. M467, Feeder. 36 in. long. Each, 60c; mailed, 85c.

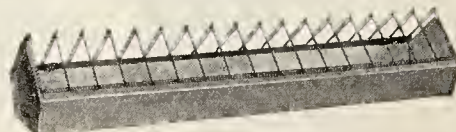
## Capacity Chick Feeders



A large capacity feeder for baby chicks and growing birds. The hinged grill can be lowered or raised as desirable. Cover hinged inside carrying handles strengthen walls, height eight inches.

No. CF-24, Feeder. 24 inches long. Each, \$1.00; mailed, \$1.35.

## Open Mash Feeder



Built to feed wet or dry mash.

No. 600. 44 inches long, 6 1/2 inches wide, as shown in illustration 75c; by mail, \$1.15.

No. 525. 60 inches long, 10 inches wide. On sturdy metal legs. \$2.25, f.o.b. Memphis.

# R.-H. Co.'s Poultry Supplies

## POULTRY LEG BANDS

### "Bandettes"

Sizes for Leghorns, Rocks, Reds or Wyandottes. Selection of numbers from 1 to 100. 25 for 50c; no less sold; 50 for 75c; 100 for \$1.25, postpaid.

### Champion Leg Band

Large raised figures. Light in weight, made of aluminum. Doz., 15c; 25, 25c; 100, 75c, postpaid.

### Colored Celluloid Spiral Leg Bands



When ordering state what breed and color you want them. Sizes for grown fowls and baby chicks. Doz., 15c; 50, 35c; 100, 60c, postpaid.

### Reliable Colored Leg Band

In colors with printed numbers. Made of aluminum with colored numbered inserts. Adjustable. Doz., 20c; 25, 35c; 100, \$1.00, postpaid.

### Coloroid Chick Bands

Can be used several times. Colors as follows: orange, black, white, dark green, red. Not numbered. 25 for 15c; 100 for 40c, postpaid.

### Elite Colored Pigeon Bands



Numbered in pairs from 1 to 50. Packed in envelopes containing 6 pairs each. 6 pairs, 12 bands, 20c; 24 pairs, 75c, postpaid.

### Baby Chick Shipping Boxes

25-chick size, doz., \$1.00; mailed, \$1.40.  
50-chick size, doz., \$1.20; mailed, \$1.60.  
100-chick size, doz., \$1.80; not mailable.  
25-chick size, 100, \$7.50; express.  
50-chick size, 100, \$9.00; express.  
100-chick size, 100, \$14.00; express.

### Cardboard Egg Cartons

Dozen, 20c; 100, \$1.25; per bundle, 250, \$3.00; by parcel post, dozen, 30c; 100, \$1.50.

### Humpty Dumpty Egg Carrier

Price, 6 dozen size, 40c; by parcel post, 60c. Price, 12 dozen size, 65c; by parcel post, 85c.

### Metal Egg Crates

Size	Weight Empty	Each	Post-paid
4 doz.	5 lbs.	\$1.00	\$1.15

### Eyrie Shipping Coops

No. C.	3 bird size, each	Express	Post
		\$0.35	\$0.55

### Glass Cloth

One piece 5 yards long	\$1.20
By parcel post	1.40
One piece 10 yards long	2.30
By parcel post	2.60
One piece 15 yards long	3.30
By parcel post	3.65

## Poultry Punches

These are made for marking baby chicks by punching a hole in the web between the toes. Postpaid  
Pocket size Punch .....\$0.25  
Moe's No. 39 Ideal Punch .....35

## Nest Eggs

Prices as follows:

	Doz.	Parcel Post
China	\$0.30	\$0.40
Wooden	.40	.50
Like Expelling	.60	.75

## Stoneware Pigeon Nest

Made so the birds cannot tip over. A good, safe nest. Size 9½ inches. Each, 25c; by parcel post, 40c.



A perfect scratching material for baby chicks. A deodorizer, absorbent, disinfectant and labor-saving litter. It absorbs all the moisture from droppings.

Half bale, \$2.25; Large bale, about 16 bu., \$3.50, f. o. b. Memphis.

## Thermometers

No. 127 4½-inch flat metal for brooders, 50c.

No. 125 Tycoos Incubator Thermometer, \$1.00.

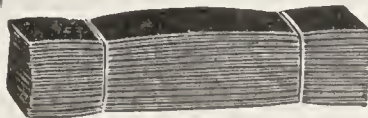
By parcel post add 10c each.

## Thermostat Wafers

Double units with solid post between, making each wafer independent of the other. Accurate and durable.

Fits all brooders. Price, 3-inch double thermostat, each, 35c; postpaid, 40c.

## Brooder, Incubator Wicks



All sizes, cotton, each .....\$0.05  
All sizes, asbestos, each .....25  
Two sizes, Kerogas .....\$0.40 to .65

## Brooder and Incubator Lamp Burners

No. 1 Burner, Each, 35c; by parcel post, 45c.  
No. 2 Burner, Each, 45c; by parcel post, 55c.  
No. 3 Burner, Each, 60c; by parcel post, 70c.  
No. 214 Double Burner, Size No.3. Each, 75c; by parcel post, 85c.  
No. 2 Chimneyless, each, 50c.

## Lamp Chimneys

Lamp chimneys for Incubators and Brooders—strong metal. No. 2 Chimneys, each, 20c; by parcel post, 30c. No. 3 Chimneys, each, 20c; by parcel post, 30c.

## Brooder and Incubator Lamp Bowls

No.	Each	Post-paid
No. 1, Bowls	\$0.50	\$0.60
No. 2, Bowls	.60	.75
No. 3, Bowls	.75	.90

## Dandy Egg Tester

Will test eggs accurately for all purposes. Each 10c; mailed, 20c.

## The Lawn Park Brood Coop

The wire park pulls out like bureau drawer and is made from heavy galvanized wire netting. Size of coop, 18 inches wide, 19½ inches high, 48 inches long. Protects the chicks from hawks, rats, weasels, vermin, cold and storms. It is so ventilated that when park is pushed in the air circulates freely without admitting rain or snow. The coop has removable galvanized bottom. Each, \$2.75, set up, ready to use, f. o. b. Memphis.

## Square Brood Coop

Has a combination door which can be adjusted to keep the hen in and permit the chicks their liberty. Size, 16 inches wide, 23 inches long, 16 inches high and weight, 12 pounds. Price, knocked down, but can be quickly set up. No. M19, each, \$1.50, f. o. b. Memphis.

## Smoke Pipe for Brooders

No. 114, Black Smoke Pipe, 2-foot lengths, 4-inch, each, 20c; 5-in. each, 25c.

## Smoke Pipe Top Cap

Chimney Cap for Moe's No. 440 Roof Saddle or other Brooder Stove Pipes. Keeps out rain and snow and improves the draft. Easy to install; no tools or bolts required. In two sizes.

No. 444, Chimney Cap for 4-in. pipe, Each, 35c.

No. 445, Chimney Cap for 5-in. pipe, Each, 40c. Mailing, 15c each extra.

## Roof Saddles for Brooder Pipe



Moe's No. 440, 4-Inch Roof Saddle, without cap, \$1.25.

Moe's No. 441, 5-Inch Roof Saddle, without cap, \$1.50.

Mailed, 30c each extra.

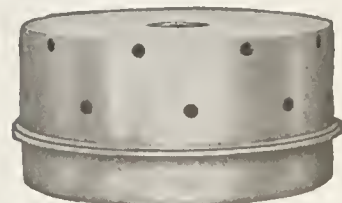
## Corrugated Elbows

No. 115, Black Corrugated Elbows,	
3-inch	\$0.10
4-inch	.15
5-inch	.15

## Pipe Collars

No. 117, Pipe Collars, Sizes 6x4, 6x5. All same price. Each, 10c.

## The Little Putnam Stove



Keeps drinking water from freezing. Costs only 20c to 30c for oil to run an entire winter. Make your own oat sprouter with a Little Putnam Stove. Price, \$1.75; by parcel post, \$1.95.

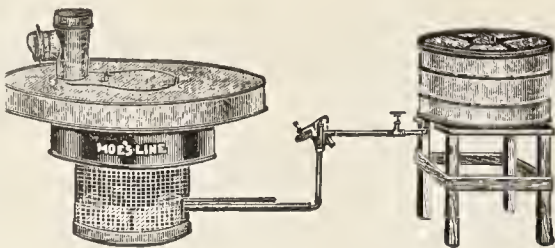
## Our Top Notch Baby Chicks

Are guaranteed 100 per cent live delivery. Avoid disappointment. Place your orders early for day-old chicks. We will book for shipment when you want them.

# R.-H. Co.'s Brooders

## Moe's Broodrite Oil Brooder

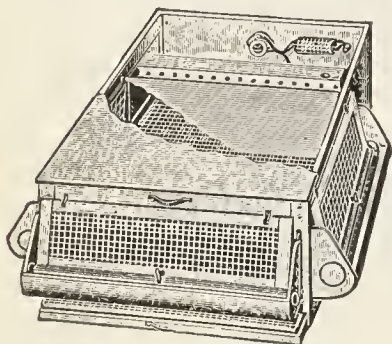
A modern dependable heater for brooder houses; efficient, safe and reliable. No wicks or lighting rings are used, burns a hot intense blue-white and yellow flame and does not smoke. It has a wide range of heat, easily adjusted for any weather. Burns ordinary distillate 38-40 fuel oil or burns kerosene oil if preferred.



The oil feeds by gravity from an outside drum or tank. It is fitted with an overflow pipe as extra precaution. Requires less floor space than the old style canopies. Each brooder is fitted with a 5-inch galvanized Tee and patent draft adjuster, which makes it efficient and economical on the fuel. It spreads the warmth evenly right down on the baby chicks. Fully guaranteed and sold at a most reasonable price. Capacity about 300 chicks.

No. 240, Brooder Complete with Canopy and Galvanized Oil Tank. 1/4-inch pipe and fittings, smoke pipe tee and draft adjuster. Only \$12.50. Ventilating pipes if wanted, 25c per joint extra. F. o. b. Memphis.

## Gro-Ezy Electric Battery Brooder



A sweeping success, a new Gro-Ezy Brooder with woven wire doors which admit more light, equipped with automatic thermostat heat control, long electric heating element, heavy curtains, heavy wire floors. Doors can be locked. Wide and deep troughs which do not waste feed and are adjustable, removable dropping pans, sanitary and easily cleaned. There is ample room in this new brooder for chicks from a day old to ten weeks old.

Gro-Ezy Brooders should be operated in a room that

is heated to 75 degrees with a good brooder or coal stove. Under the proper conditions you can raise 95 to 99% of the chicks you put in them.

The operating cost of Gro-Ezy Electric Brooders is low, uses only about one kilowatt in 24 hours. Capacity of each drawer from 60 to 100 chicks.

No. 801, Single drawer, complete with woven wire door (as illustrated), heating element, feed and water trough, \$8.80.

No. 701, Single drawer, complete with slotted metal door, heating element, feed and water trough, \$7.50.

For those who do not have electric current, we can supply the following oil or lamp heated Battery Brooders.

No. 7010, Single Oil Lamp Heater, \$4.50.

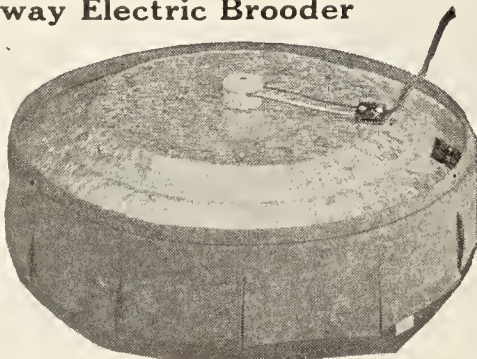
## Jamesway Electric Brooder

These new improved Jamesway Electric Brooders are up-to-date, modern and will give perfect satisfaction. We have both the insulated and uninsulated hovers or brooders. The latter are for small flocks and can be used in any room if the hover is placed inside of a large box, so as to retain the heat.

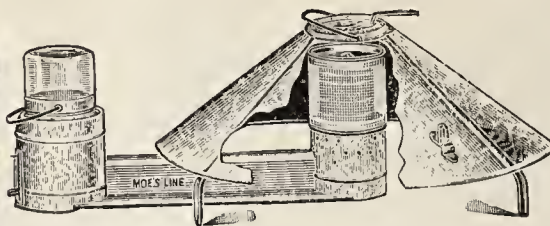
### PRICES

No. 696, 21-in. uninsulated Hover, 50-chick capacity, \$2.50; by mail \$2.90.

No. 698, 32-in. insulated Hover, 200-chick capacity, \$7.95; by freight or express only.



## Moe's Blue Flame Oil Brooder



A simple and reliable oil burning Brooder, sturdy in construction and easy to operate. Burns kerosene.

Has a new and improved wickless blue flame burner, with perfect combustion, free from fumes or gases.

It is the same as Moe's Automatic Oil Brooder, except that it does not have the automatic thermostatic control, and the canopy is not insulated. Has a patented Hand Control, with only one moving part, and by means of which the heat is regulated.

### PRICES F.O.B. MEMPHIS

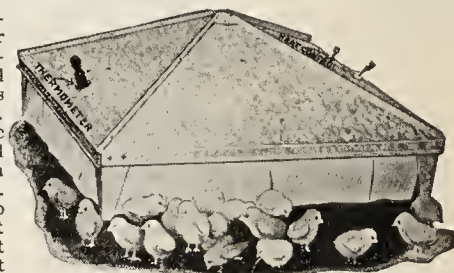
No. 232—34-inch Canopy, 300 Chick Capacity .....\$7.55

No. 233—42-inch Canopy, 500 Chick Capacity ..... 8.45

No. 234—52-inch Canopy, 1000 Chick Capacity ..... 9.95

## Oakes Electric Brooder

The Oakes New Improved Electric Brooder is by far the most modern and economical brooder for raising flocks from 100 to 650 chicks. The Oakes Electric Brooder can be installed and placed in operation 15 minutes after arrival. It is only necessary to plug the attachment cord into the nearest lamp socket and adjust the thermostatic switch to give desired temperature. Positive heat control with the Oakes automatic thermostat. Clean, even heat.



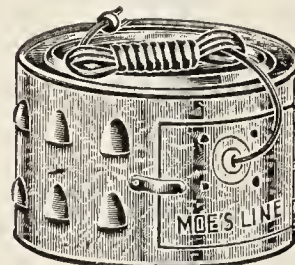
No lamps, smoke or fumes; no ashes or coal to carry; no wicks to trim; no messy oil.

### Prices:

No. 722, Size 22 in., chick capacity 75, weight 15 lbs. ....\$ 6.50

No. 732, Size 32 in., chick capacity 150, weight 35 lbs. .... 11.50

No. 742, Size 42 in., chick capacity 250, weight 66 lbs. .... 16.50



## Electric Brooder Heater

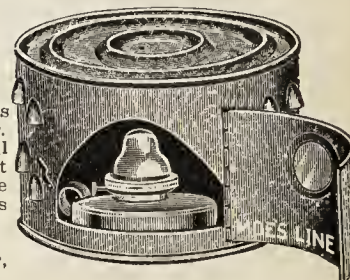
An Efficient, Durable Electric Heater.

Can be used either as a brooder heater or for heating water fountains. Made of heavy galvanized steel and equipped with a porcelain insulated heating unit. Complete with rubber covered cord and plug ready to connect to an ordinary light socket. Price, \$2.25; by mail, \$2.50.

## No. 10 Oil Brooder and Fountain Heater

An excellent heater that burns kerosene, for a small brooder. Place in a box and the chicks will keep warm and comfortable. It can also be used with any syle poultry fountain and prevents water freezing.

Price, No. 10 Brooder Heater, complete, \$1.50; by parcel post, \$1.80.



No. 10 Oil Brooder and Fountain Heater.

## Vaccinate Chicks

At twelve weeks, vaccinate your baby chicks against Fowl Pox. Use Avian Fowl Pox Vaccine.

Stop costly infection; it will insure a healthy, paying flock. It is quick, simple, safe and effective. 100-dose size, \$1.00, postpaid. Full directions come with Avian Vaccine.

## A Friend On Whom You Can Depend— The American Fruit Grower

3 years subscription for \$1.00; 50c for one year.

Include a subscription with your order. The American Fruit Grower will help you in the planting and care of your fruit trees. Only one idea gleaned from its pages would be worth the price of a subscription. For a small sum you can employ an expert horticulturist to help you solve your fruit growing problems. Subscribe now. Mail your order to us and we will have the American Fruit Grower mailed to your address.

# Top Notch Quality

# RUSSELL-HECKLE'S

# Baby Chicks

Top Notch baby chicks are hatched from good flocks, chicks that will live and grow if properly handled. Top Notch chicks are No. 1 grade from selected flocks, not hatched from promiscuous eggs. Try Top Notch chicks and see the difference. All chicks are shipped from the hatchery, not from Memphis. Shipped regularly every Monday and Thursday. Get your order in the week before and chicks will reach you when you want them.

Baby chicks are almost certain moneymakers, whether purchased for supplying the home fryers, egg layers or for the farm commercial flock. Our chicks are easy to raise, you can get them promptly, and are delivered by your postman without any inconvenience or trouble, just have a good brooder or some hens to care for the chicks on arrival. Start them early. It pays to get and have the chicks as early in the spring as possible.

## 100% LIVE DELIVERY GUARANTEED

You will absolutely get full count and full value and we guarantee 100% live delivery on our Top Notch quality chicks. All are selected at the hatchery to see that you get strong, husky chicks.

We further guarantee that you will be thoroughly satisfied with the baby chicks we ship you. The stock is right and the chicks are right.

All orders are acknowledged promptly on receipt. Remit by Post Office or Express money order. Our terms on baby chicks are cash to all. Prices subject to change.

## C. O. D. SHIPMENTS

We will ship your chicks C. O. D. if you will send us a deposit of \$1.00 per 100 chicks. You can then pay the balance to your postman.

## TOP NOTCH QUALITY CHICKS

Prices, postpaid, for delivery January, February, March and April.	25	50	100
Brown and white Leghorns .....	\$2.25	\$4.00	\$7.00
Barred, Buff and White Plymouth Rocks .....	2.35	4.15	7.25
Buff Orpingtons and Rhode Island Reds .....	2.35	4.15	7.25
White Wyandottes .....	2.35	4.15	7.25
Heavy Assorted .....	2.25	4.00	7.00

Write for prices on larger lots

## TOP NOTCH AA QUALITY CHICKS

All Officially (Blood tested) Pullorum tested, under supervision State Veterinary Department. (Stained Antigen test) all reactors removed. Test fall 1934. Officially State Approved—Illinois Department of Agriculture.

Prices, postpaid, for delivery January, February, March and April.	25	50	100
Anconas, Brown and English White Leghorns .....	\$2.50	\$4.75	\$8.50
Barred, Buff and White Plymouth Rocks .....	2.75	5.00	9.00
Buff Orpingtons and Rhode Island Reds .....	2.75	5.00	9.00
Black and White Minorcas .....	2.75	5.00	9.00
Jersey White Giants .....	3.75	7.00	13.00
White Wyandottes .....	2.75	5.20	9.40
Heavy Assorted .....	2.60	4.70	8.40

Write for prices on larger lots



## Liv-An-Grow Electric Brooders

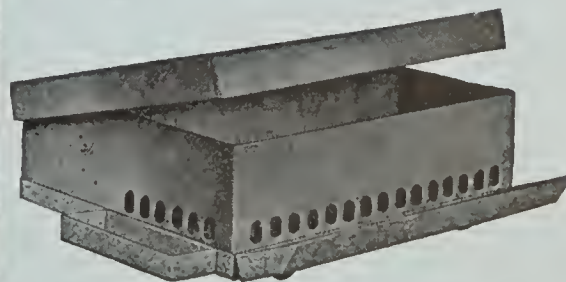
A low-priced primary brooder, the box is made of strong fibre with a wire screen floor. It is also durable, waterproof, and equipped with feed and water pans. The outfit consists of Brooder Box, ten feet of electric cord, porcelain socket with terminal plug and a circulating drum to enclose the bulb. Electric light bulb is not furnished. Size of brooder 20 by 24 inches 7½ inches high.

Price without dropping pan, only \$1.95; by parcel post, \$2.25.



## TOP NOTCH CHICKS ARE PURE BRED QUALITY STOCK.

VACCINATE EARLY If you wish to prevent Chicken Pox and Canker in your poultry. Vaccinate them early, do not permit birds to go over the 12 week period without the Pox Vaccination. Try the new way and watch the wonderful results. Price, 100 dose package, \$1.00, postpaid.



## Gro-Mor Electric Brooders

These new chick brooders are large and roomy. They have 40% greater cubic measurements than the leading competitive makes. They give the chicks plenty of head room, more space, more fresh air. Inside measurement, 20x40 inches. 60-chick capacity. Made of heavy fibre board with heavy wire floor that is bolted to sides and ends; electric equipment is superior, including a porcelain receptacle and galvanized circulating drum (but no bulb), 7 feet of cord and plug. The feeders and waterers are large capacity and the feed openings adjustable.

Price, No. C-3624, only \$1.75; by mail, \$2.00.



From \_\_\_\_\_

P. O. \_\_\_\_\_

State \_\_\_\_\_

PLACE  
STAMP  
HERE

# **RUSSELL-HECKLE SEED CO.**

**26 SOUTH FRONT ST.**

**TOP NOTCH  
SEEDS AND BULBS**

**MEMPHIS, TENN.**

*Plant Russell-Heckle Seeds*

and enjoy

THE FULL MARKET BASKET



# Annual and Perennial Flowering Plants



Aquilegia.

Ready for shipment about April 1st to 10th next.  
Price each variety per package of 12 plants, 40c; 3 pkgs., 36 plants, \$1.00, postpaid.  
No less than 12 plants of any one variety sold.

**Asters, American Beauty.** Rose and carmine, wilt resistant.  
**Ageratum.** Dwarf blue, tall blue and pink.  
**Alyssum.** White and lavender.  
**Anchusa.** Gentian blue, hardy perennial.  
**Antirrhinum, (Snapdragon), University of California Mixture.** Rust proof.  
**Antirrhinum, majus.** Colors: Autumn Glow, coral-rose, orange, pink, red, yellow, white, mixed colors.  
**Aquilegia, (Columbine).** Long spurred hybrids, mixed colors.  
**Bellis Perennis, Double Perennial English Daisy.** mixed colors.  
**Calendula, (Pot Marigold), Ball's Orange, Lemon, Radio.**  
**Campanula, (Canterbury Bells).** Perennial, mixed colors.  
**Campanula, (Annual Canterbury Bells).** Blooms first year.  
**Carnation Chabaud's.** Double red, rose, pink, mixed colors.  
**Coleus.** Fancy leaved mixed.  
**Cosmos, Mammoth Early Flowering.** Mixed colors.  
**Cosmos, Klondike.** Yellow, fall blooming.  
**Dianthus, Double Hedgewig.** Mixed colors.  
**Dianthus, Lace Fringed.** Double.  
**Dianthus Plumarius, (Perennial).** Sweet scented mixed colors.  
**Dianthus, (Double Sweet William).**

**Chrysanthemum, Perennial.** Fall blooming, button and pompon, mixed colors.  
**Dahlias.** Double, show and decorative, mixed colors.  
**Delphinium, (perennial Larkspur).** Dark blue, light blue, mixed colors.  
**Digitalis, (Foxglove).** Mixed colors.  
**Dianthus, Double Hedgewig.** Mixed colors.  
**Dianthus, Lace Fringed.** Double.  
**Dianthus Plumarius, (Perennial).** Sweet scented mixed colors.  
**Dianthus, (Double Sweet William).**

## New Introductions

Some of the 1934 and 1935 All American Selections of Flower Seeds.

**ASTER, Super-Giant Los Angeles.** Shell-pink. Pkt., 25c.  
**COSMOS, Klondike.** Orange flare. Pkt., 25c.  
**LARKSPUR, Tall Double Stock-Flowered Rosamond.** Pkt., 25c.  
**NASTURTIUMS, Double Glorious Gleam.** Finest mixed colors. Pkt., 25c.  
**NASTURTIUM, Double Scarlet Gleam.** Pkt., 35c.  
**ZINNIA, Fantasy.** Mixed colors. Pkt., 25c.

**Dianthus, Sweet Wivelsfield.** Mixed colors.  
**Gaillardia, Grandiflora.** Perennial, mixed colors.  
**Helichrysum, (Strawflower), Mammoth Flowering.** Mixed colors.  
**Marigold, Guinea Gold.**  
**Nicotiana.** Mixed colors.  
**Lilies, Regal Bulblets.**

**Petunias, Howard's Star, Rose of Heaven, Rosy Morn, Heavenly Blue, Nana Erecta.** Mixed colors.  
**Prince, Giant Ruffled, Giants of California.**  
**Phlox Drummondii, Mammoth Flowering.** Mixed colors.  
**Portulaca.** Double mixed colors.  
**Salvia, Red, Perennial Blue, Perennial Blue Bedder.**  
**Salpiglossis.** Large flowering, mixed colors.  
**Scabiosa, Grandiflora.** Mixed colors.  
**Scabiosa Caucasica.** Perennial, mixed colors.  
**Stock, Bismark's Double Purple,** lavender, pink, mixed colors.  
**Tithonia, (Mexican Dahlia).** Color deep orange, new.  
**Tritoma, (Red Hot Poker).**  
**Verbenas, Lavender Glory, Lucifer Deep Red, Etna, Geranium Red, Purple, Blue, Mixed Colors.**  
**Vinca (Periwinkle).** Mixed colors.  
**Viola, Tufted Pansies, Johnny Jump Ups.** Mixed colors.  
**Zinnias, Bodger's Mammoth Strain.** In colors: red, pink, yellow, cerise, purple-lavender, salmon-rose, mixed colors.  
**Zinnias, Lilliput.** Dwarf, mixed colors.



Digitalis.

## 2 Special Varieties

Packed 6 to a package, 40c. 3 pkgs., 18 plants, \$1.00, postpaid. No less than 6 plants of these two varieties sold.

**GERANIUM.** Red and pink.

**VERBENA, Beauty of Oxford.** From genuine cuttings. Cerise-red.

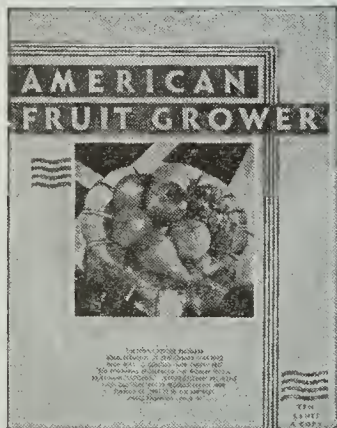


Carnation.

## A Friend on Whom You Can Depend American Fruit Grower

For a few cents a year you can employ an expert helper for every month in the year. AMERICAN FRUIT GROWER is known as a "friend" to over 150,000 fruit growers who eagerly await its regular monthly visits and the many helpful ideas and suggestions which it brings.

Send your remittance to Russell-Heckle Seed Co., Memphis, Tenn.



**3 Years  
for \$1.00**  
50c for 1 Year

Enclosed find \$ ..... for which send American Fruit Grower for ..... years.

Name .....

Route .....

City .....

State .....



Talisman.

## R.-H. Co.'s "Banner" Rose Collection

Ten fine 2-yr. field-grown Rose bushes,

**\$3.60, postpaid**

At Store, \$3.35.

One each of the following:

American Beauty. Red.  
Columbia. Pink.  
Golden Ophelia. Yellow.  
K. A. Victoria. White.  
Killarney. Pink.  
Etoile de France. Crimson.  
Mme. Butterfly. Pink and gold.  
Rev. F. Page-Roberts. Yellow and pink.  
Sunburst. Orange.  
Talisman. Pink, red, gold (illustrated).

Regular value \$4.35, for only **\$3.60 postpaid**

At Store, \$3.35.



Marigold Guinea Gold.

## R.-H. Co.'s California Giant Zinnias

California Giant Zinnia Collection, only 60c, postpaid. One packet each of the following:

Brightness. Pink.  
Daffodil. Yellow.  
Grenadier. Red.  
Lavender Gem.  
Orange King.  
Purity. White.  
Rose Queen.  
Salmon Queen.  
Scarlet Gem.  
Violet Queen.

Regular Value,  
\$1.00,

For

**60c**

Postpaid.



## R.-H. Co.'s "Prize" Flower Collection

Aster, American Beauty. Wilt resistant, mixed .....	\$0.15
Amaranthus, Sunrise .....	.20
Calendula, Radio .....	.15
Canterbury Bell. New annual mixed .....	.10
Eschscholtzia, Salmon Beauty. ....	.10
Gaillardia, Burgundy-red ....	.15
Larkspur, Giant Blue Bell ...	.15
Marigold, Guinea Gold ....	.10
Petunia, Pink Gem. Dwarf ..	.20
Poppy, Double Cardinal. Mixed .....	.10
Verbena, Spectrum. Red ...	.25
Zinnia, Gold Medal Dahlia-Flowered. Mixed .....	.10

Regular Value, \$1.75,

For **\$1.00** Postpaid.

## R.-H. Co.'s KITCHEN GARDEN Collection

- ½ lb. Bush Beans. Stringless.
- ½ lb. Bush Beans, Henderson Butter.
- ½ lb. Pole Beans, Kentucky Wonder.
- ½ lb. Pole Butter Beans, Carolina.
- 1 oz. Beet, Crosby's Egyptian.
- 1 oz. Spinach, Savoy Curled.
- 1 oz. Mustard, Giant Curled.
- 1 pkt. Tomato, Certified Mariglobe.



Crosby's Egyptian Beets.

Regular value \$1.00, for only **60c** postpaid.

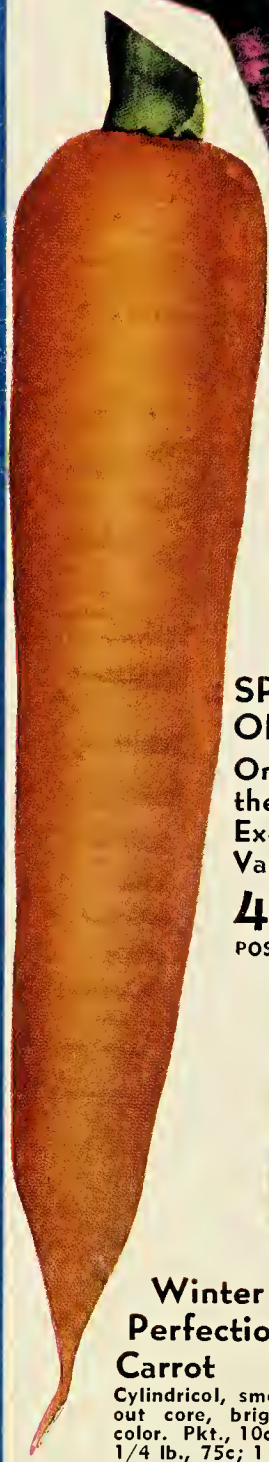


### Special Early Wonder Beet

Blood-red, firm, sweet flesh. Pkt., 10c; oz., 15c; 1/4 lb., 40c; 1 lb., \$1.00, postpaid.

### R.-H. Co.'s Master Marglobe Tomato

Originator's stock of this bright red and smooth, wonderful bearing Tomato. Pkt., 15c; 1/4 oz., 35c; 1/2 oz., 60c; 1 oz., \$1.00; 1/4 lb., \$1.75; 1 lb., \$5.50, postpaid.



### Winter Perfection Carrot

Cylindrical, smooth without core, bright golden color. Pkt., 10c; oz., 25c; 1/4 lb., 75c; 1 lb., \$2.00, postpaid.

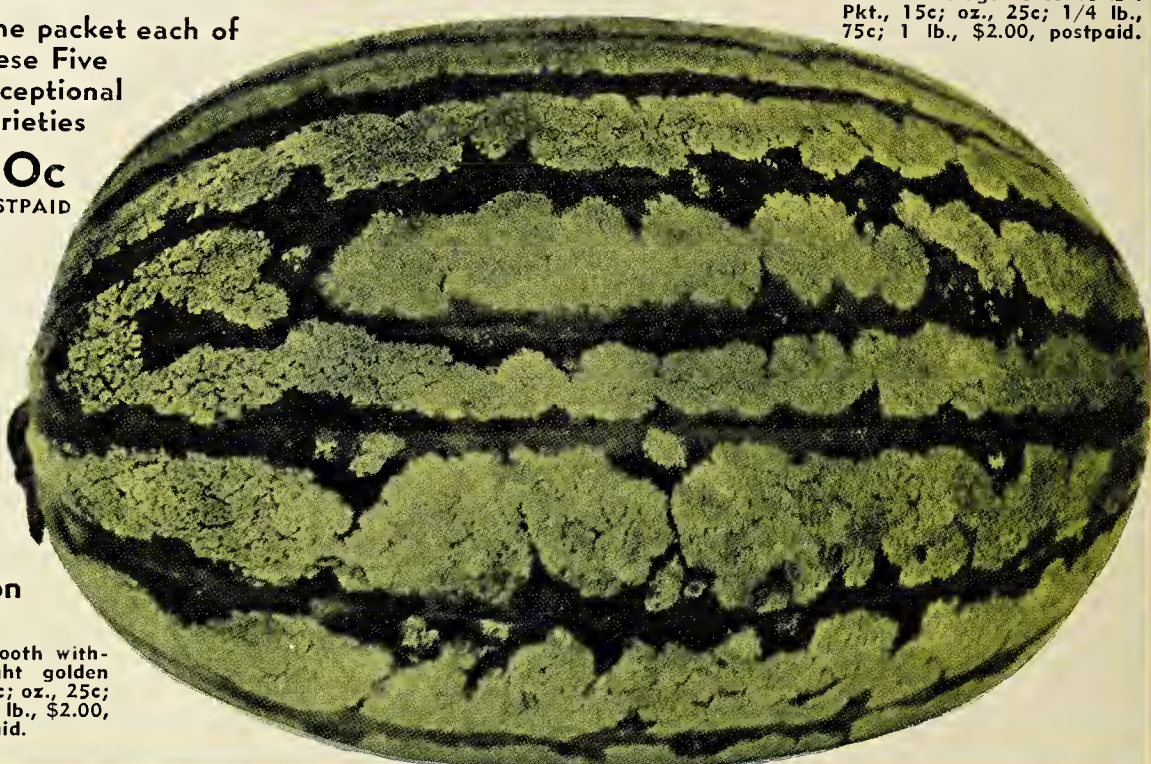


### Superfecto Canteloupe or Muskmelon

Sweet, juicy, thick, green flesh. Pkt., 10c; oz., 20c; 1/4 lb., 50c; 1 lb., \$1.25, postpaid.

### R.-H. Co.'s Dixie Queen Watermelon

A new variety, has bright red, sweet, tender meat. Melons average 30 to 40 lbs. Pkt., 15c; oz., 25c; 1/4 lb., 75c; 1 lb., \$2.00, postpaid.



### SPECIAL OFFER

One packet each of these Five Exceptional Varieties

**40c**  
POSTPAID

# Russell-Heckle Seed Co.

MEMPHIS, TENN.